

**SONY®**

TRINITRON® COLOR VIDEO MONITOR

**BVM-A20F1U**

**BVM-A20F1M**

**BVM-A20F1A**

**BVM-A24E1WU**

**BVM-A24E1WM**

**BVM-A24E1WA**



***Multiformat***



SERVICE MANUAL

1st Edition

## **⚠ 警告**

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

## **⚠ WARNING**

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## **⚠ WARNUNG**

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegebenen Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## **⚠ AVERTISSEMENT**

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

**Attention-when the product is installed in Rack:**

**1. Prevention against overloading of branch circuit**

When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.

**2. Providing protective earth**

When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.

**3. Internal air ambient temperature of the rack**

When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.

**4. Prevention against achieving hazardous condition due to uneven mechanical loading**

When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

**5. Install the equipment while taking the operating temperature of the equipment into consideration**

For the operating temperature of the equipment, refer to the specifications of the Operation Manual.

**X-RAY RADIATION WARNING**

Be sure that parts replacement in the high voltage block and adjustments made to the high voltage circuits are carried out precisely in accordance with the procedures given in this manual.

For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to the following port(s).

: LAN connector

Follow the instructions for the above port(s).





# Table of Contents

## 1. Service Information

|         |   |      |
|---------|---|------|
| 1-1.    | Appearance Figure (20 Inch)             | 1-1  |
| 1-2.    | Board Locations (20 Inch)               | 1-1  |
| 1-3.    | Disassembly (20 Inch)                   | 1-2  |
| 1-3-1.  | BC Board (20 Inch)                      | 1-4  |
| 1-3-2.  | BK Board (20 Inch)                      | 1-5  |
| 1-3-3.  | CA Board (20 Inch)                      | 1-6  |
| 1-3-4.  | CA Board and ZCA Board (20 Inch)        | 1-7  |
| 1-3-5.  | EA Board and E Board (20 Inch)          | 1-8  |
| 1-3-6.  | E Board and Z Board (20 Inch)           | 1-9  |
| 1-3-7.  | EA Board and Z Board (20 Inch)          | 1-9  |
| 1-3-8.  | G Board (20 Inch)                       | 1-10 |
| 1-3-9.  | C Board (20 Inch)                       | 1-11 |
| 1-3-10. | TA Board (20 Inch)                      | 1-12 |
| 1-3-11. | Cabinet (20 Inch)                       | 1-12 |
| 1-3-12. | Blind Cover Assembly (20 Inch)          | 1-13 |
| 1-3-13. | TB Board (20 Inch)                      | 1-13 |
| 1-3-14. | PA Board (20 Inch)                      | 1-14 |
| 1-3-15. | PC Board (20 Inch)                      | 1-15 |
| 1-3-16. | Bezel Assembly (20 Inch)                | 1-16 |
| 1-3-17. | Picture Tube (20 Inch)                  | 1-17 |
| 1-4.    | Appearance Figure (24 Inch)             | 1-18 |
| 1-5.    | Board Locations (24 Inch)               | 1-18 |
| 1-6.    | Disassembly (24 Inch)                   | 1-19 |
| 1-6-1.  | Rear Cover Assembly (24 Inch)           | 1-21 |
| 1-6-2.  | C Board (24 Inch)                       | 1-21 |
| 1-6-3.  | BC Board (24 Inch)                      | 1-22 |
| 1-6-4.  | BK Board (24 Inch)                      | 1-23 |
| 1-6-5.  | CA Board (24 Inch)                      | 1-24 |
| 1-6-6.  | CA Board and ZCA Board (24 Inch)        | 1-25 |
| 1-6-7.  | EA Board and E Board (24 Inch)          | 1-26 |
| 1-6-8.  | E Board and Z Board (24 Inch)           | 1-27 |
| 1-6-9.  | EA Board and Z Board (24 Inch)          | 1-27 |
| 1-6-10. | G Board (24 Inch)                       | 1-28 |
| 1-6-11. | TA Board (24 Inch)                      | 1-29 |
| 1-6-12. | Cover (24 Inch)                         | 1-29 |
| 1-6-13. | PC Board (24 Inch)                      | 1-30 |
| 1-6-14. | TB Board (24 Inch)                      | 1-30 |
| 1-6-15. | PA Board (24 Inch)                      | 1-31 |
| 1-6-16. | Bezel Assembly (24 Inch)                | 1-32 |
| 1-6-17. | Picture Tube (24 Inch)                  | 1-33 |
| 1-6-18. | Anode Cap                               | 1-34 |
| 1-7.    | Writing and Rewriting PLD Internal Data | 1-35 |

## 2. Setup Adjustment

|      |                                       |     |
|------|---------------------------------------|-----|
| 2-1. | Setup Adjustment When CRT is Replaced | 2-1 |
|------|---------------------------------------|-----|

## 3. Safety Related Adjustments

## 4. Circuit Adjustments

|      |                      |     |
|------|----------------------|-----|
| 4-1. | BK Board Adjustments | 4-1 |
|------|----------------------|-----|

## 5. Semiconductor Pin Assignments

## 6. Spare Parts

|      |                       |      |
|------|-----------------------|------|
| 6-1. | Notes on Repair Parts | 6-1  |
| 6-2. | Exploded Views        | 6-2  |
| 6-3. | Electrical Parts List | 6-13 |

## 7. Block Diagrams

|                   |      |
|-------------------|------|
| Overall (BVM-A20) | 7-1  |
| Overall (BVM-A24) | 7-2  |
| BC (1/3)          | 7-3  |
| BC (2/3)          | 7-4  |
| BC (3/3)          | 7-5  |
| BK (1/5)          | 7-6  |
| BK (2/5)          | 7-7  |
| BK (3/5)          | 7-8  |
| BK (4/5)          | 7-9  |
| BK (5/5)          | 7-10 |
| C, CA (BVM-A20)   | 7-11 |
| C, CA (BVM-A24)   | 7-12 |
| E, DY (BVM-A20)   | 7-13 |
| E, DY (BVM-A24)   | 7-14 |
| EA (1/2)          | 7-15 |
| EA (2/2)          | 7-16 |
| G                 | 7-17 |

|                                |      |
|--------------------------------|------|
| PA, PC (BVM-A20) .....         | 7-18 |
| PA, PC (BVM-A24) .....         | 7-19 |
| TA (BVM-A20) .....             | 7-20 |
| TA (BVM-A24) .....             | 7-21 |
| TB, YA, YB, YC (BVM-A20) ..... | 7-22 |
| TB, YA, YB, YC (BVM-A24) ..... | 7-23 |

## 8. Schematic Diagrams

|                             |      |
|-----------------------------|------|
| Frame (1/2) (BVM-A20) ..... | 8-2  |
| Frame (2/2) (BVM-A20) ..... | 8-3  |
| Frame (1/2) (BVM-A24) ..... | 8-4  |
| Frame (2/2) (BVM-A24) ..... | 8-5  |
| BC (1/7) .....              | 8-6  |
| BC (2/7) .....              | 8-7  |
| BC (3/7) .....              | 8-8  |
| BC (4/7) .....              | 8-9  |
| BC (5/7) .....              | 8-10 |
| BC (6/7) .....              | 8-11 |
| BC (7/7) .....              | 8-12 |
| BK (1/15) .....             | 8-13 |
| BK (2/15) .....             | 8-14 |
| BK (3/15) .....             | 8-15 |
| BK (4/15) .....             | 8-16 |
| BK (5/15) .....             | 8-17 |
| BK (6/15) .....             | 8-18 |
| BK (7/15) .....             | 8-19 |
| BK (8/15) .....             | 8-20 |
| BK (9/15) .....             | 8-21 |
| BK (10/15) .....            | 8-22 |
| BK (11/15) .....            | 8-23 |
| BK (12/15) .....            | 8-24 |
| BK (13/15) .....            | 8-25 |
| BK (14/15) .....            | 8-26 |
| BK (15/15) .....            | 8-27 |
| C (BVM-A20) .....           | 8-28 |
| C (BVM-A24) .....           | 8-29 |
| CA .....                    | 8-30 |
| E (1/2) (BVM-A20) .....     | 8-31 |
| E (2/2) (BVM-A20) .....     | 8-32 |
| E (1/2) (BVM-A24) .....     | 8-33 |
| E (2/2) (BVM-A24) .....     | 8-34 |

|                          |      |
|--------------------------|------|
| EA (1/5) .....           | 8-35 |
| EA (2/5) .....           | 8-36 |
| EA (3/5) .....           | 8-37 |
| EA (4/5) .....           | 8-38 |
| EA (5/5) .....           | 8-39 |
| G (1/2) .....            | 8-40 |
| G (2/2) .....            | 8-41 |
| PA (BVM-A20) .....       | 8-42 |
| PA (BVM-A24) (1/2) ..... | 8-43 |
| PA (BVM-A24) (2/2) ..... | 8-44 |
| PC (BVM-A20) .....       | 8-45 |
| PC (BVM-A24) .....       | 8-46 |
| TA (BVM-A20) .....       | 8-47 |
| TA (BVM-A24) .....       | 8-48 |
| TB (BVM-A20) .....       | 8-49 |
| TB (BVM-A24) .....       | 8-50 |
| YA .....                 | 8-51 |
| YB .....                 | 8-51 |
| YC .....                 | 8-51 |

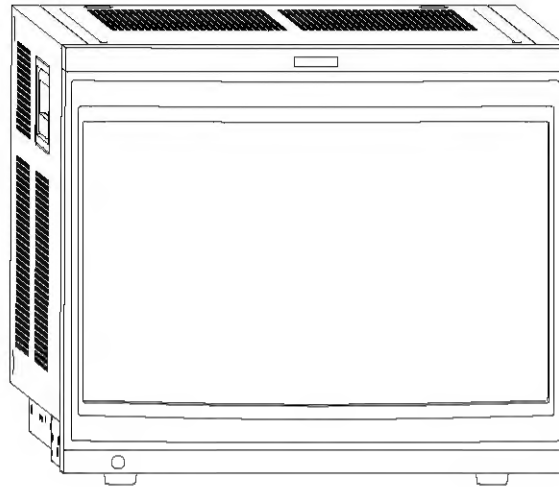
## 9. Board Layouts

|                    |      |
|--------------------|------|
| BC .....           | 9-2  |
| BK .....           | 9-4  |
| C (BVM-A20) .....  | 9-6  |
| C (BVM-A24) .....  | 9-7  |
| CA .....           | 9-8  |
| E .....            | 9-10 |
| EA .....           | 9-12 |
| G .....            | 9-14 |
| PA (BVM-A20) ..... | 9-16 |
| PC (BVM-A20) ..... | 9-16 |
| PA (BVM-A24) ..... | 9-17 |
| PC (BVM-A24) ..... | 9-17 |
| TA (BVM-A20) ..... | 9-18 |
| TA (BVM-A24) ..... | 9-19 |
| TB (BVM-A20) ..... | 9-20 |
| TB (BVM-A24) ..... | 9-21 |
| YA (BVM-A20) ..... | 9-22 |
| YB (BVM-A20) ..... | 9-22 |
| YC (BVM-A20) ..... | 9-22 |
| YA (BVM-A24) ..... | 9-23 |
| YB (BVM-A24) ..... | 9-23 |
| YC (BVM-A24) ..... | 9-23 |

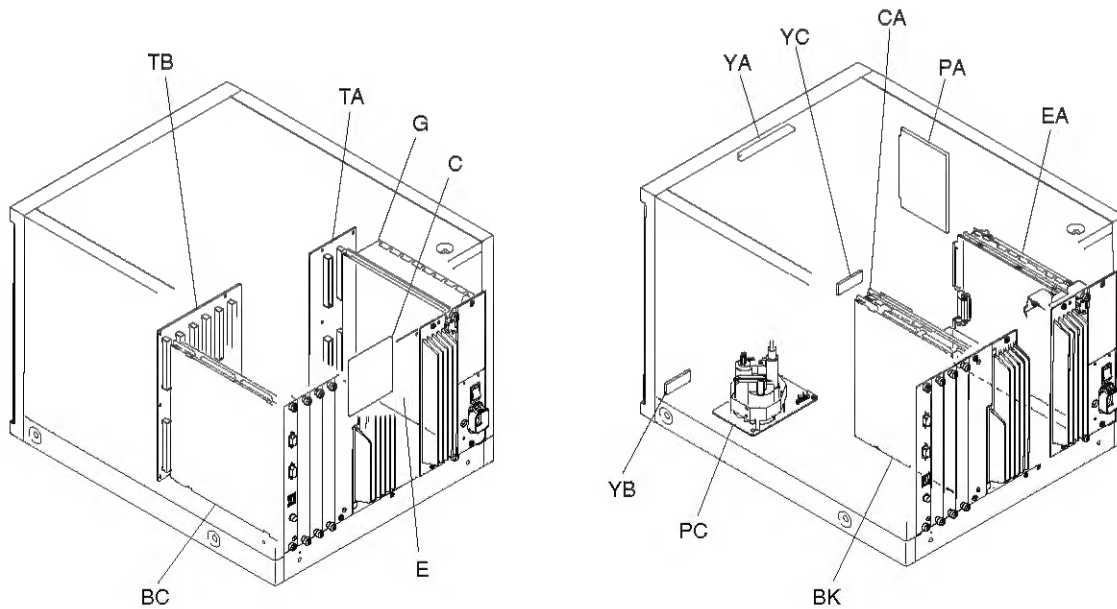
## Section 1

### Service Information

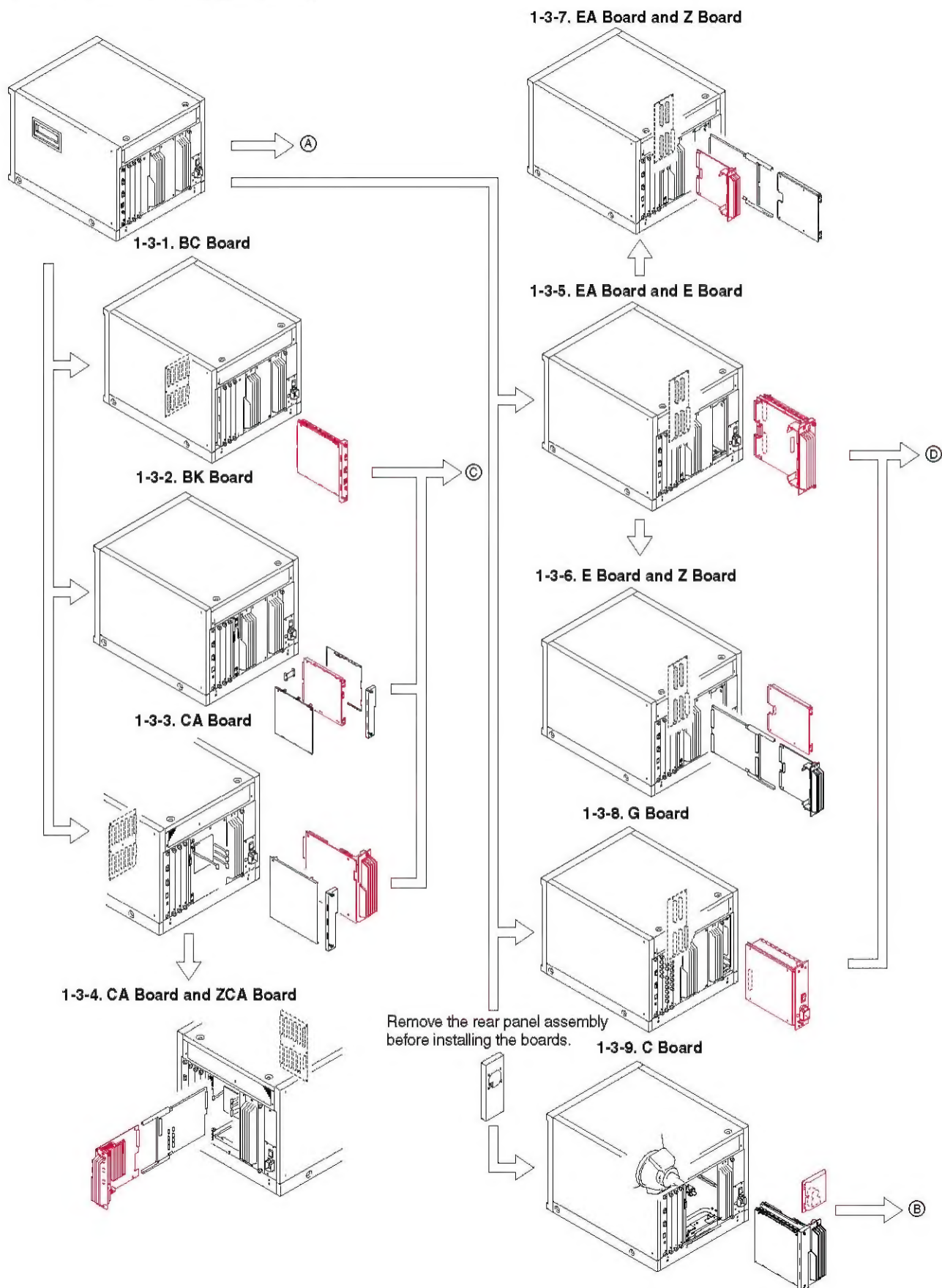
#### 1-1. Appearance Figure (20 Inch)

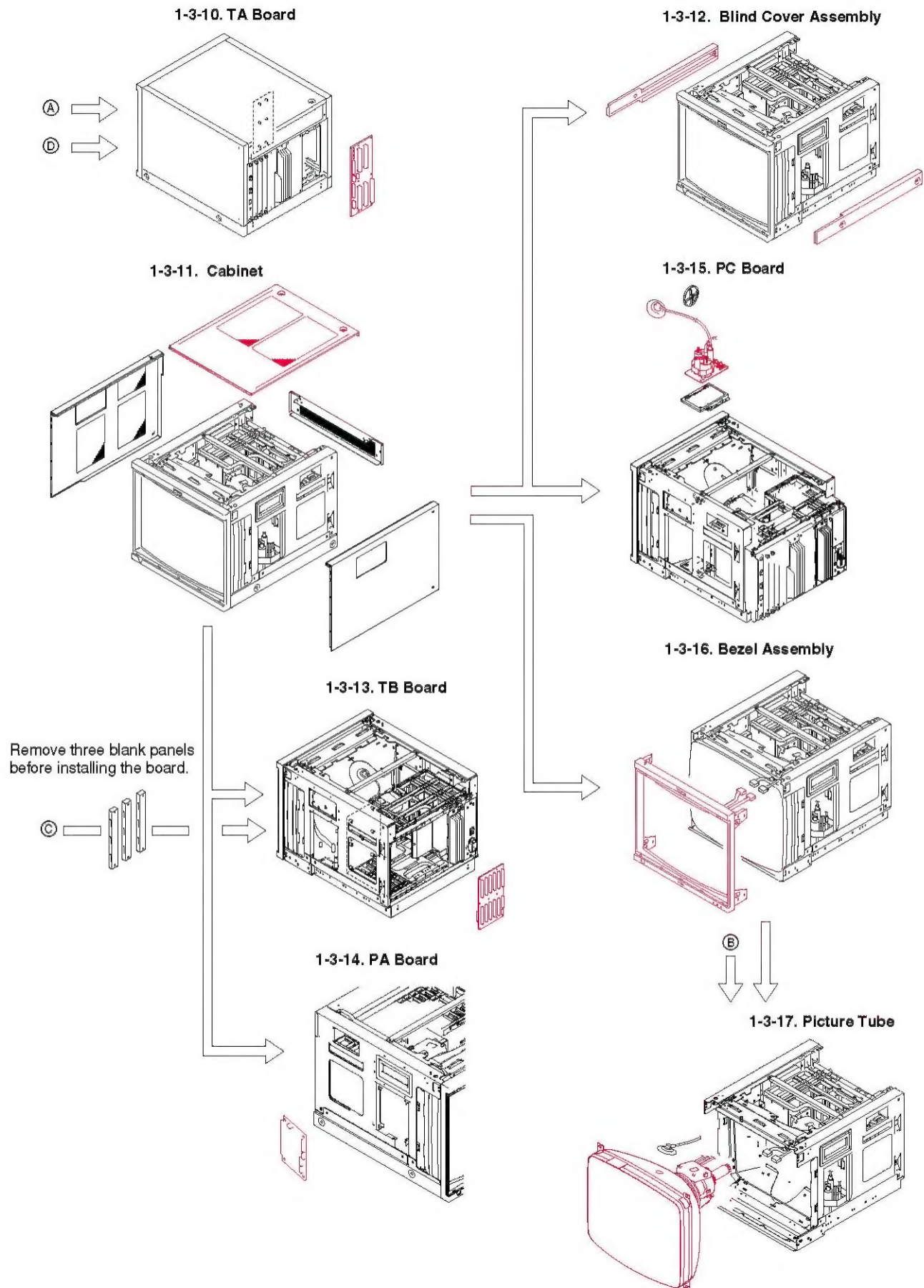


#### 1-2. Board Locations (20 Inch)

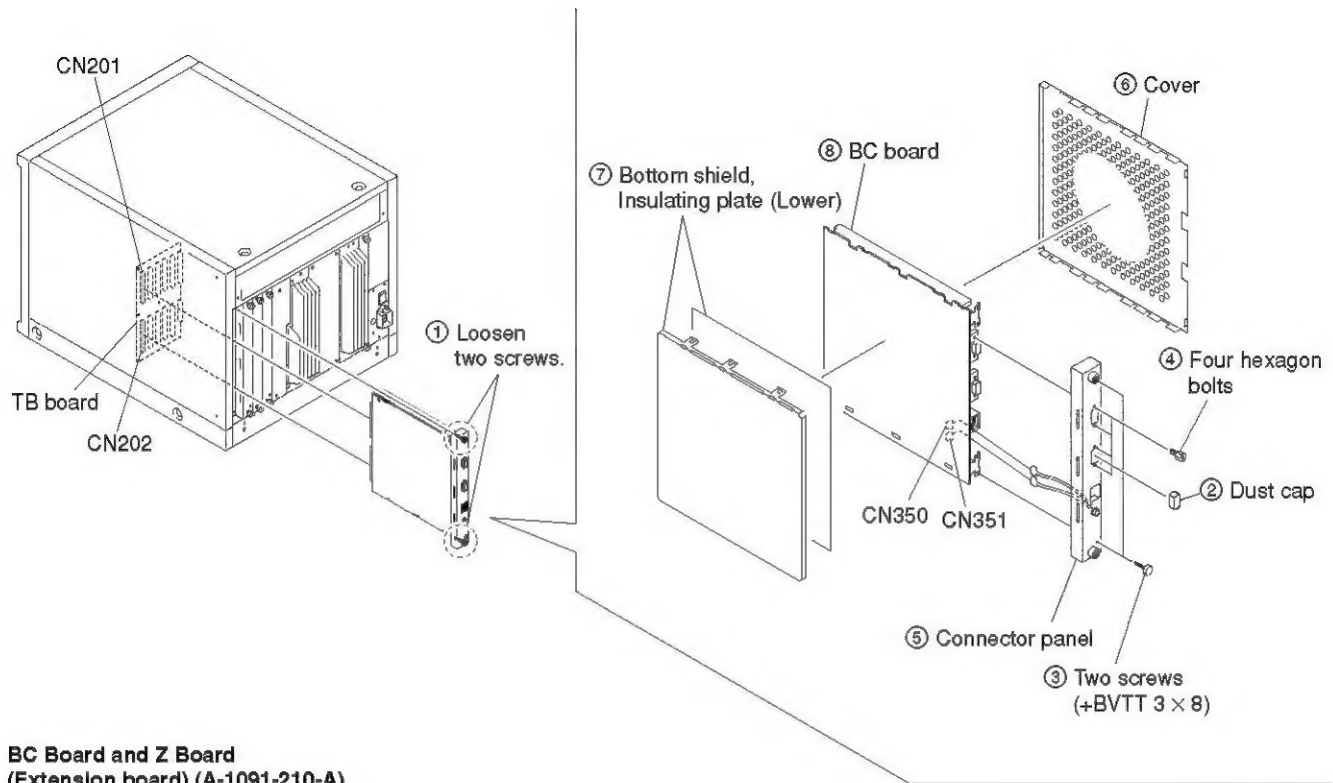


### 1-3. Disassembly (20 Inch)

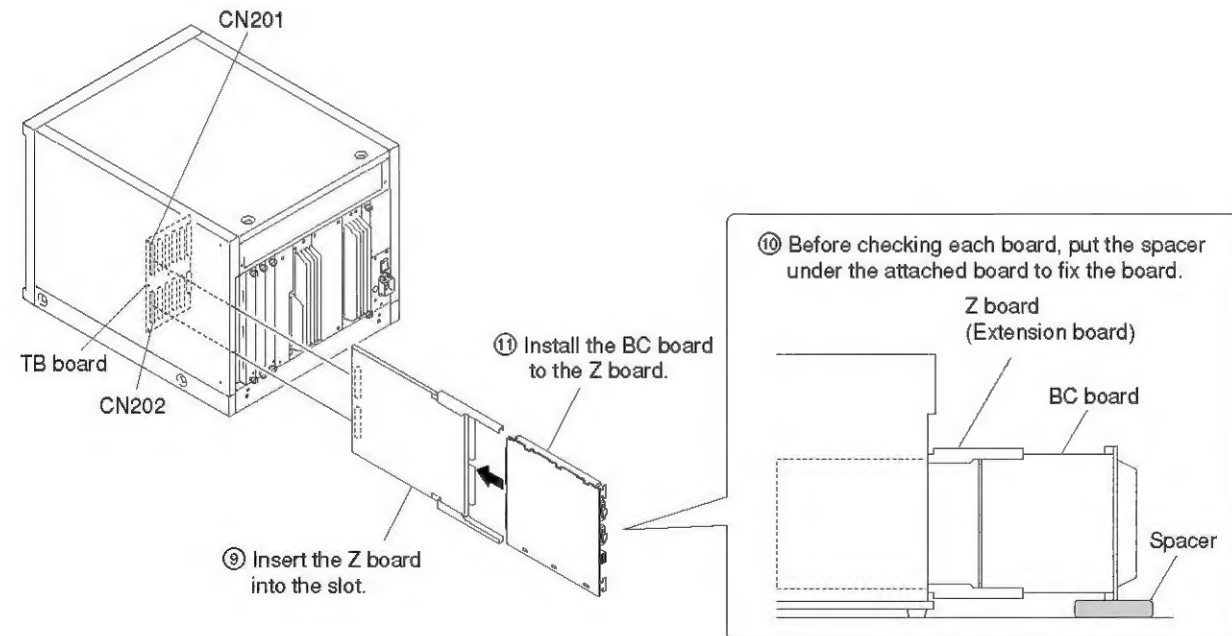




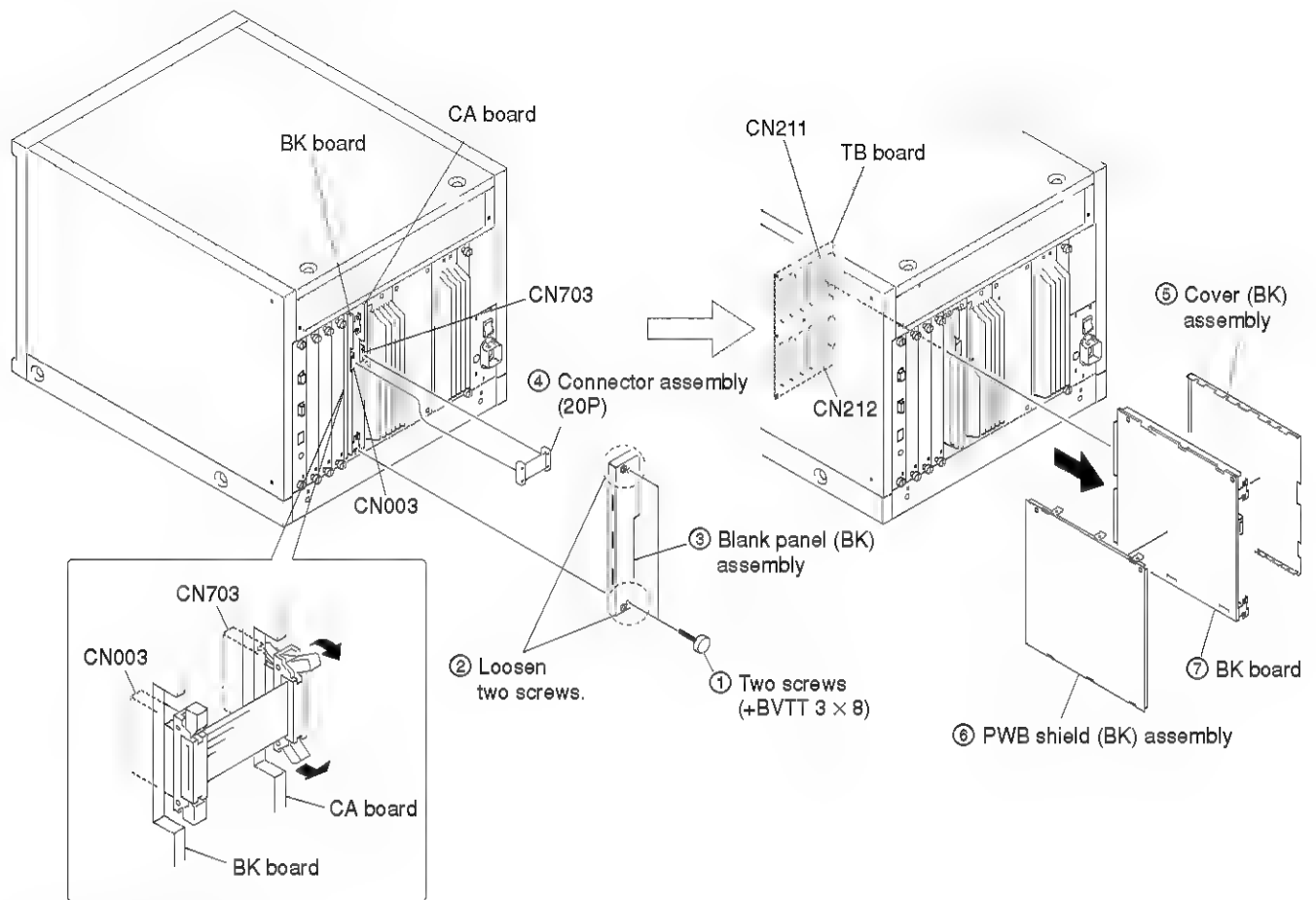
### 1-3-1. BC Board (20 Inch)



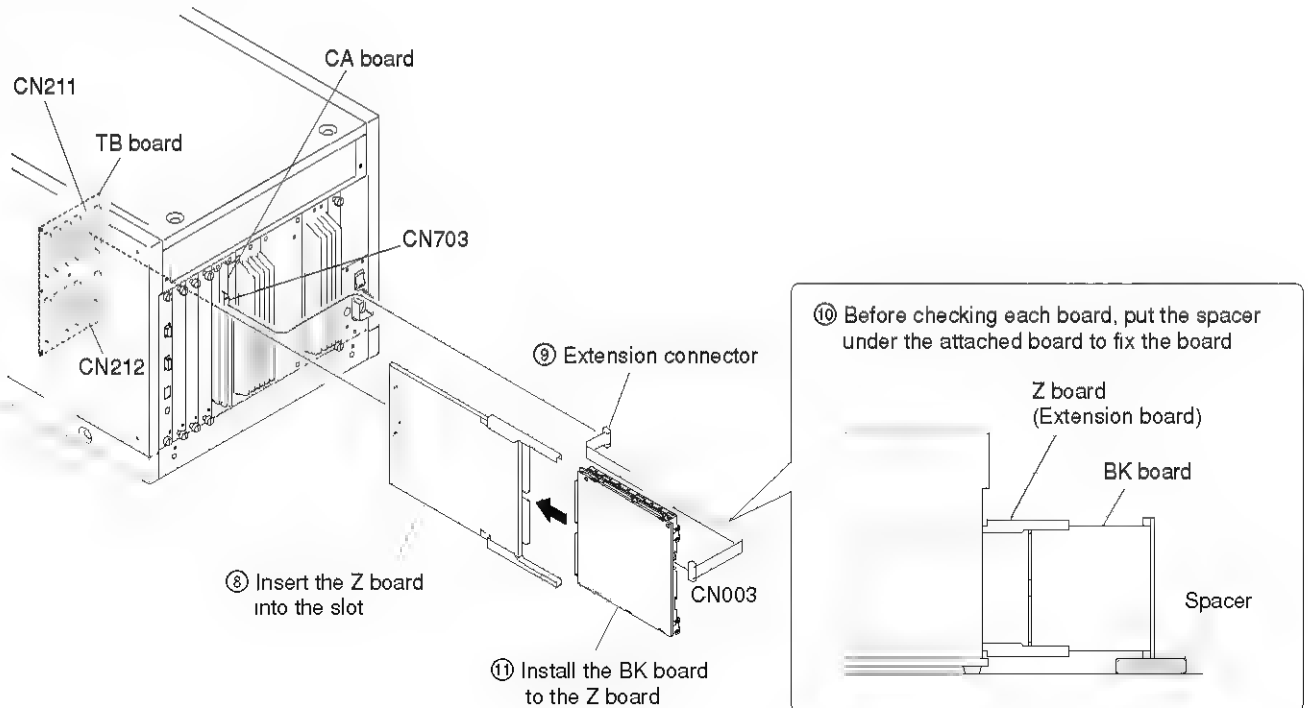
#### BC Board and Z Board (Extension board) (A-1091-210-A)



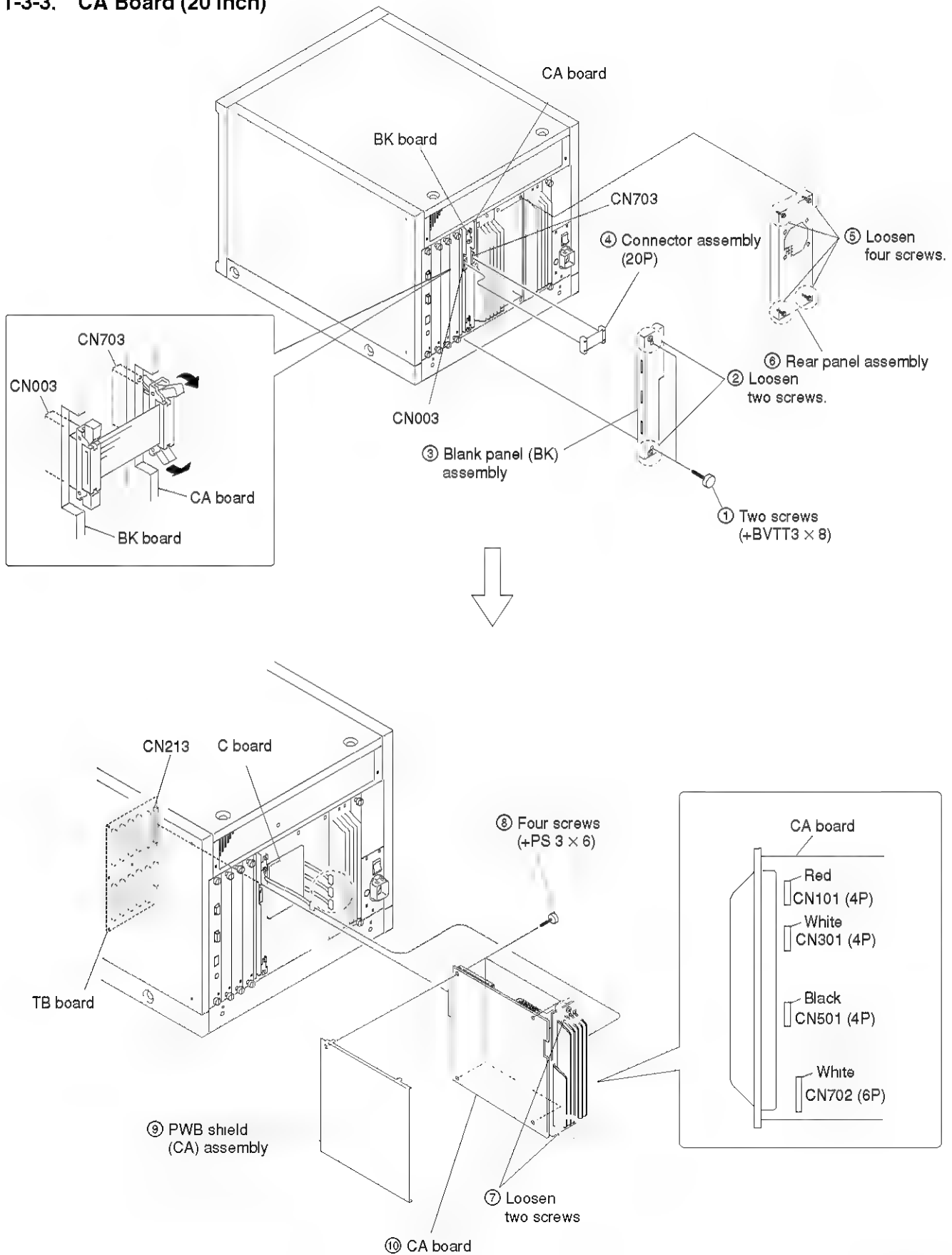
### 1-3-2. BK Board (20 Inch)



#### BK Board and Z Board (Extension board) (A-1091-210-A) Extension Connector

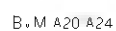


### 1-3-3. CA Board (20 Inch)

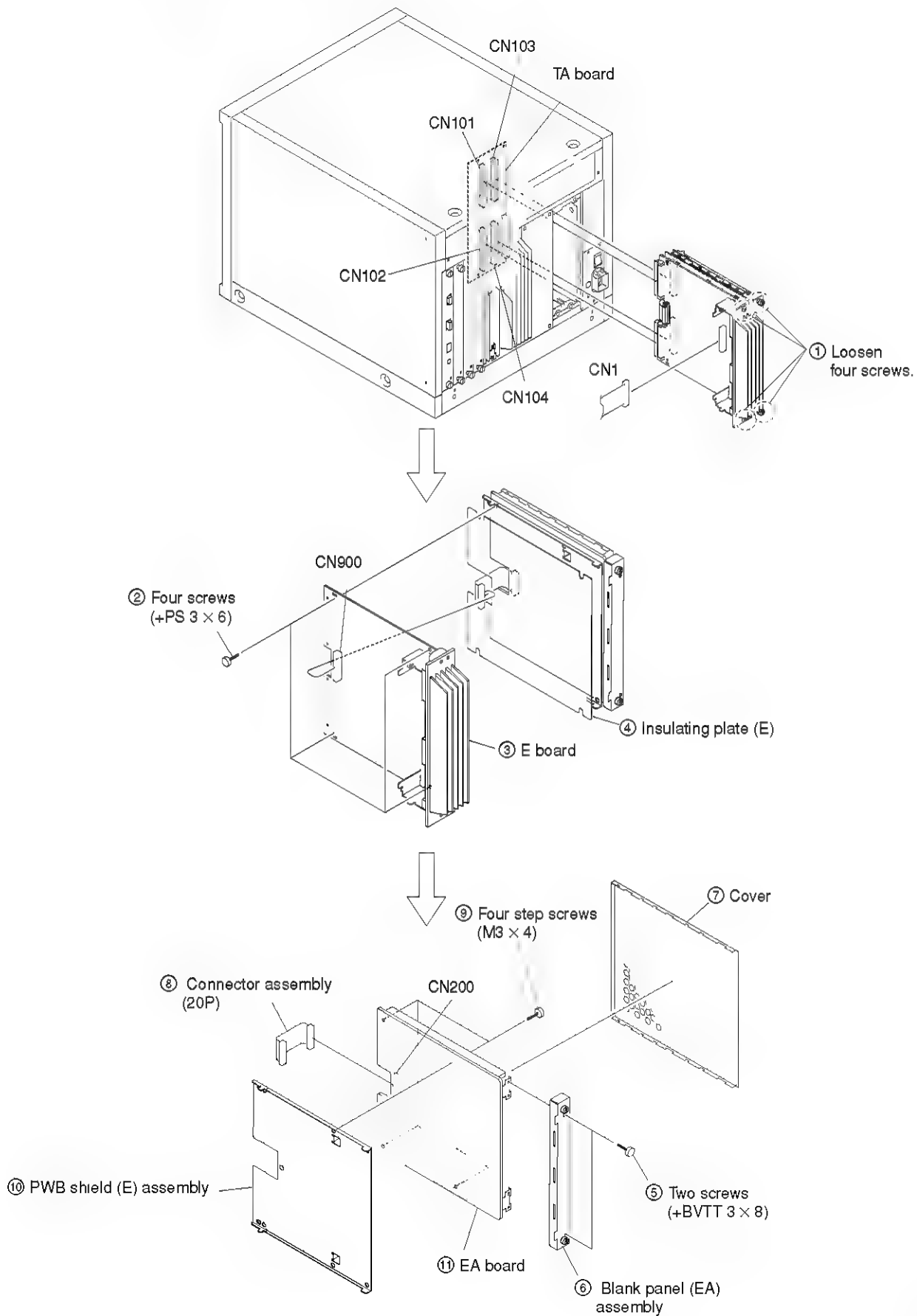




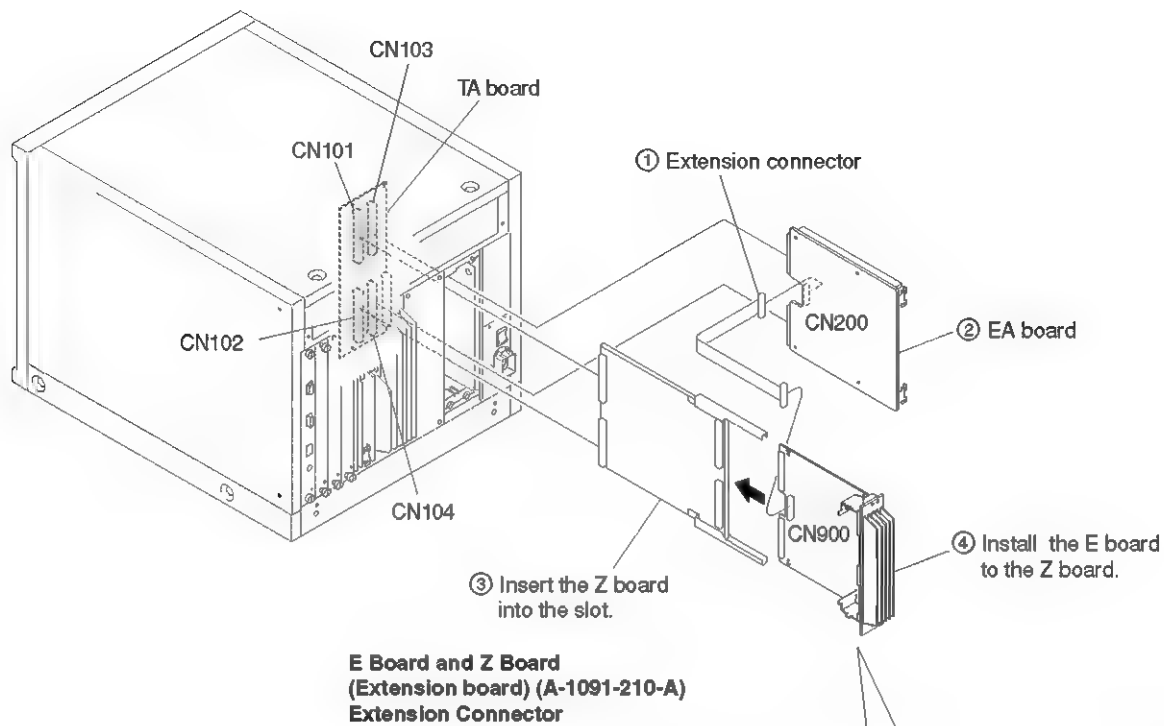
**ZCA Board (Extension board) (A-1091-211-A)**  
**Five Extension Connectors**



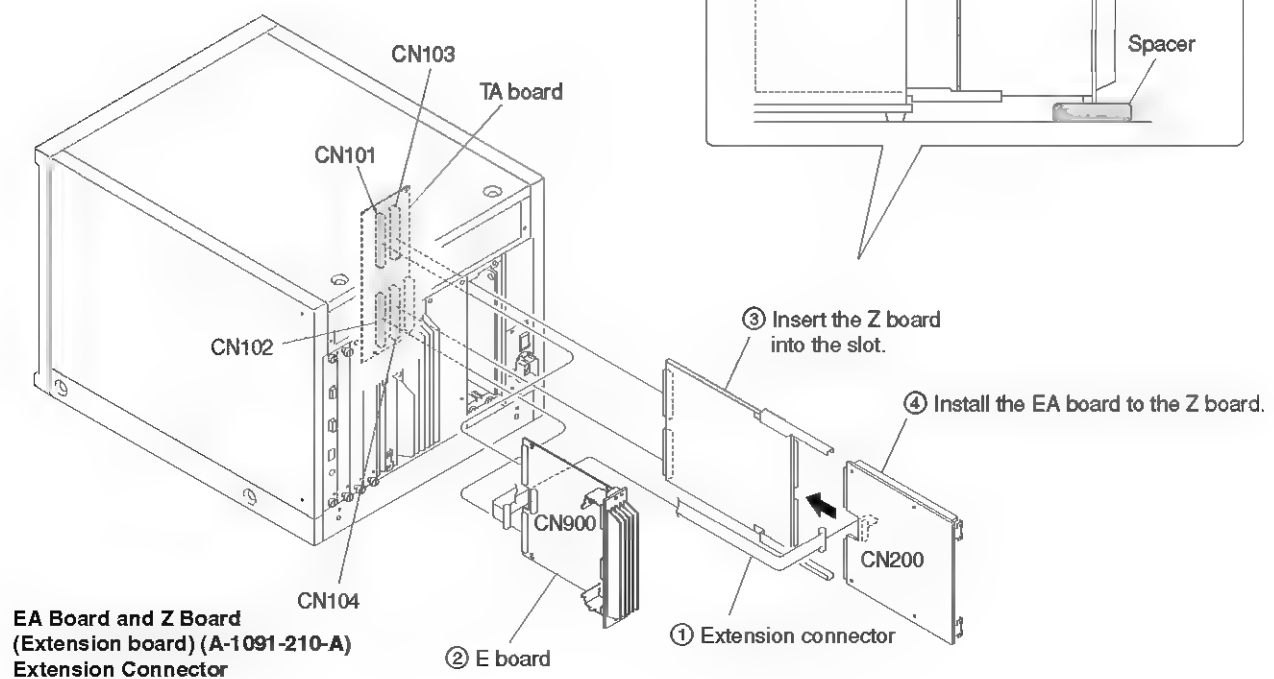
### 1-3-5. EA Board and E Board (20 Inch)



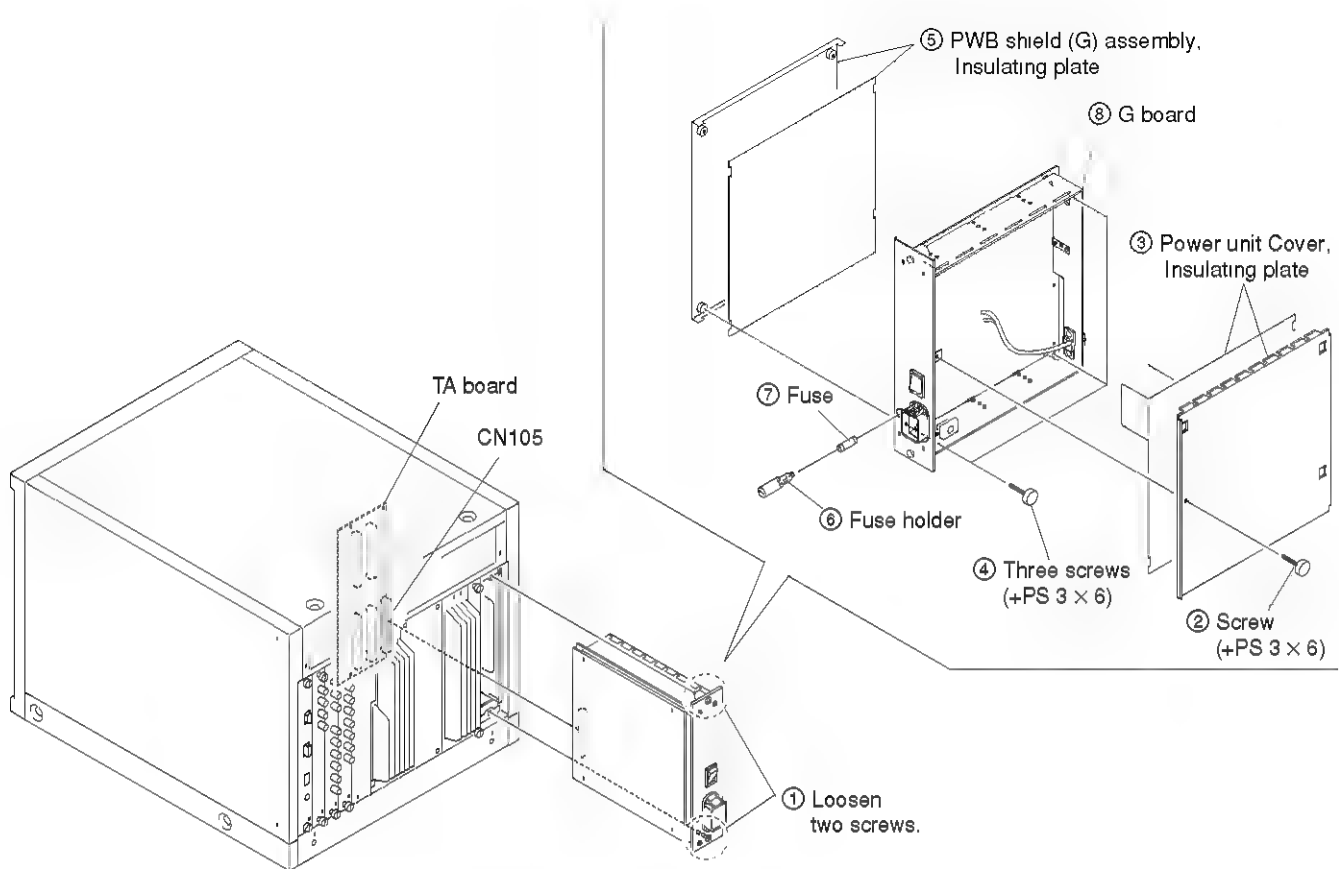
### 1-3-6. E Board and Z Board (20 Inch)



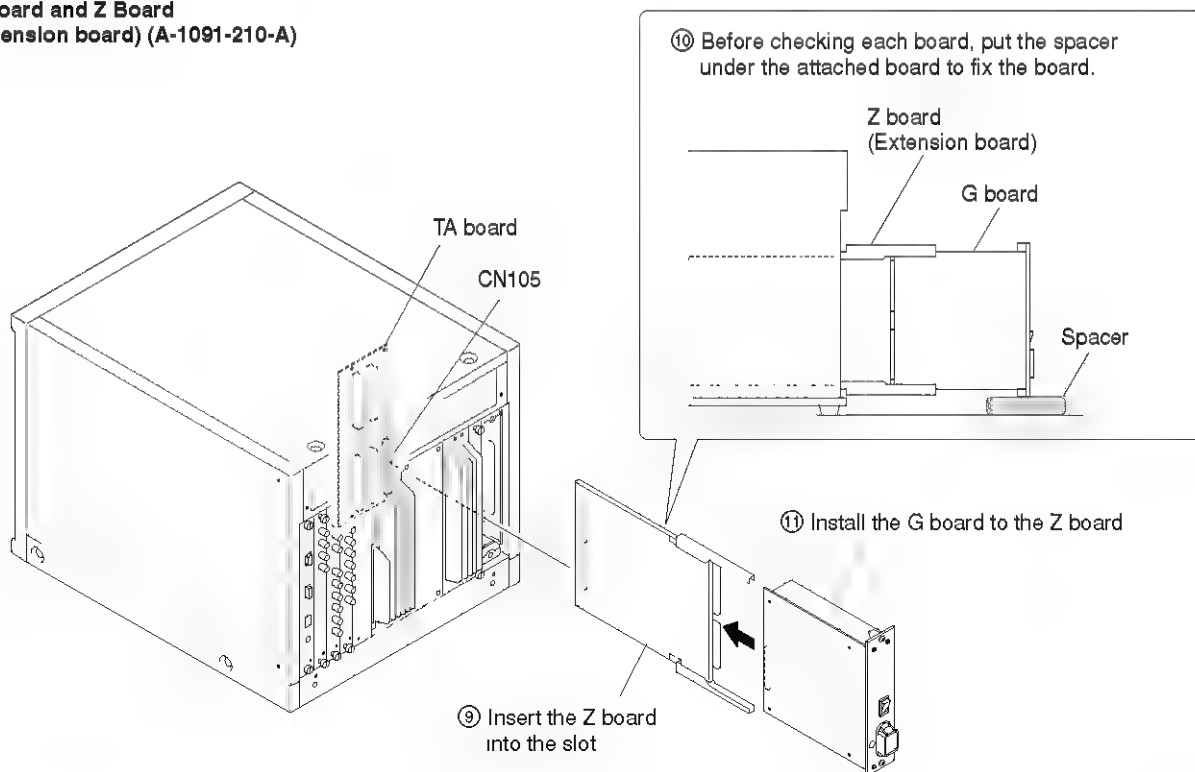
### 1-3-7. EA Board and Z Board (20 Inch)



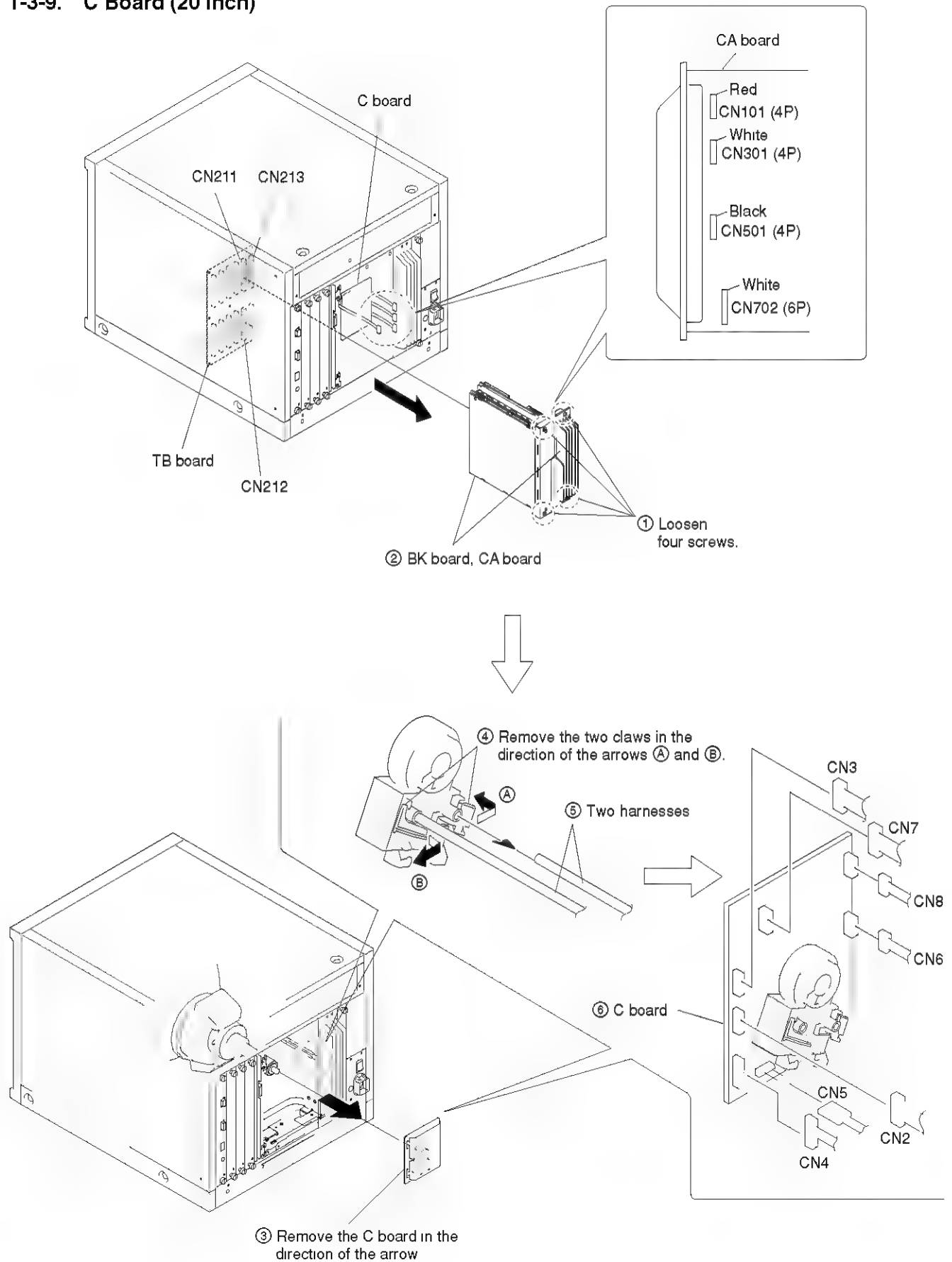
### 1-3-8. G Board (20 Inch)



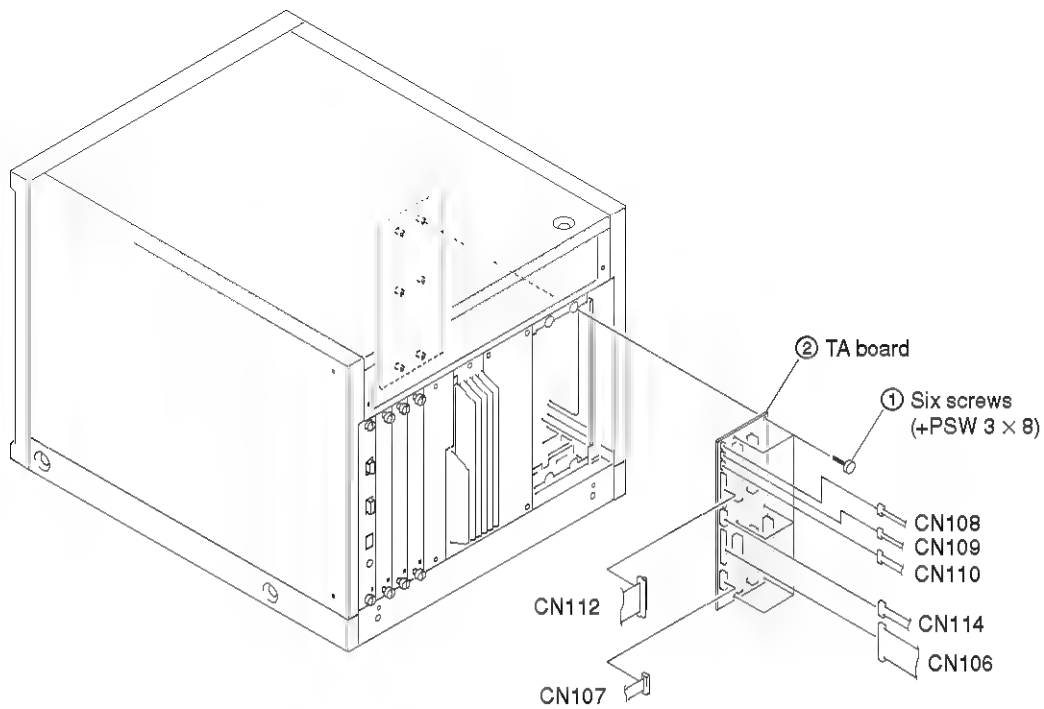
### G Board and Z Board (Extension board) (A-1091-210-A)



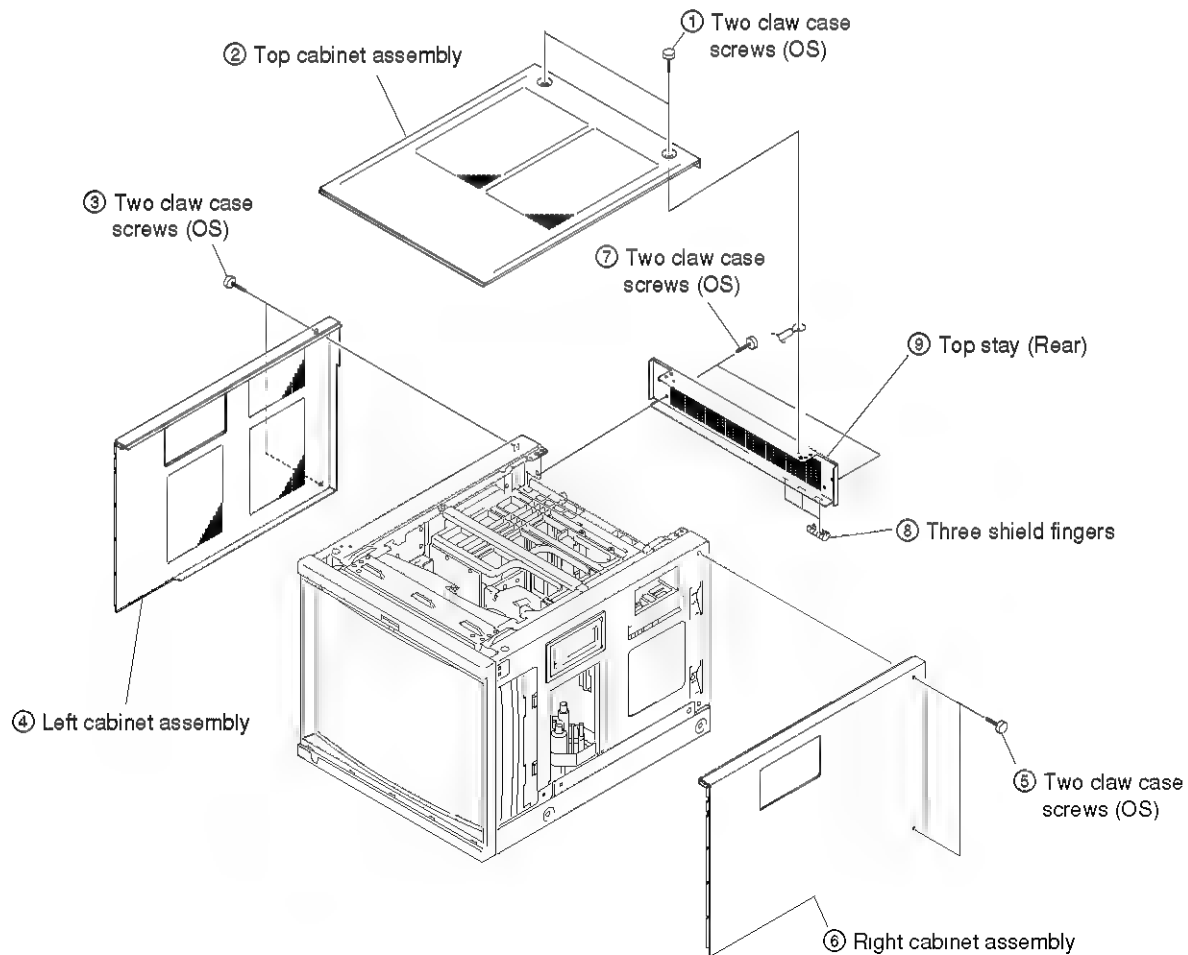
### 1-3-9. C Board (20 Inch)



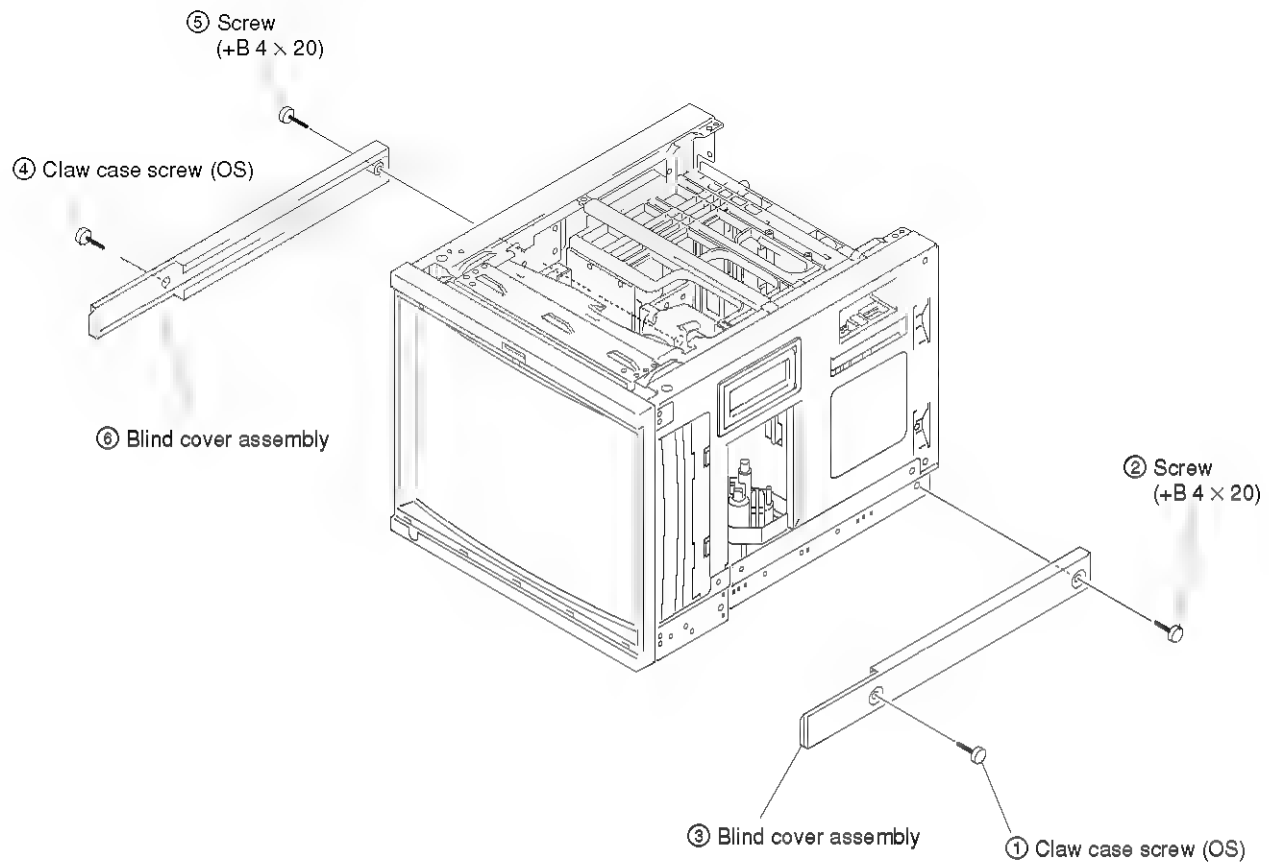
### 1-3-10. TA Board (20 Inch)



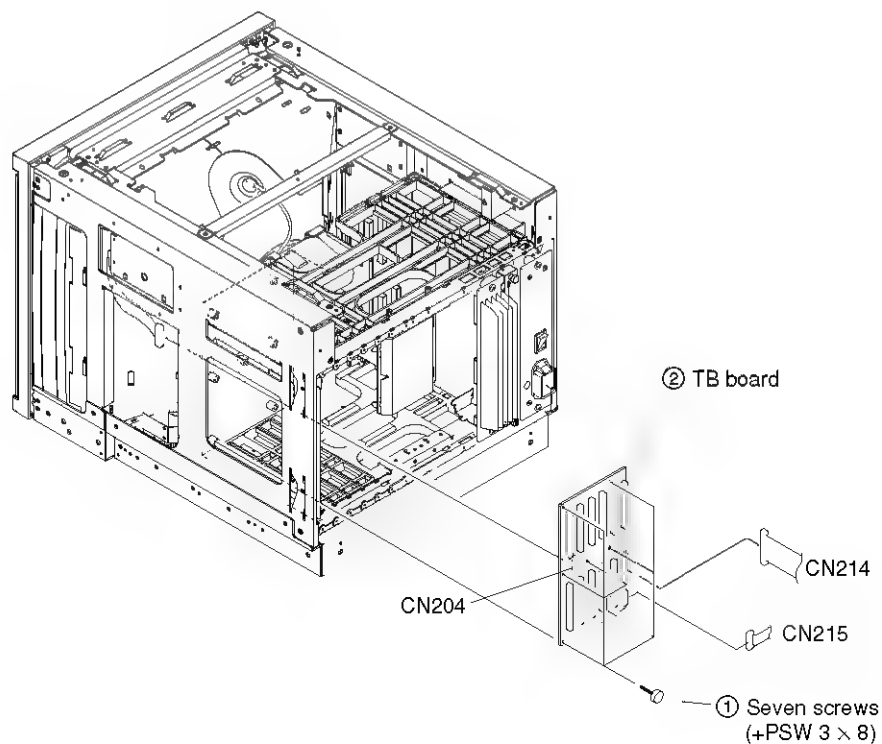
### 1-3-11. Cabinet (20 Inch)



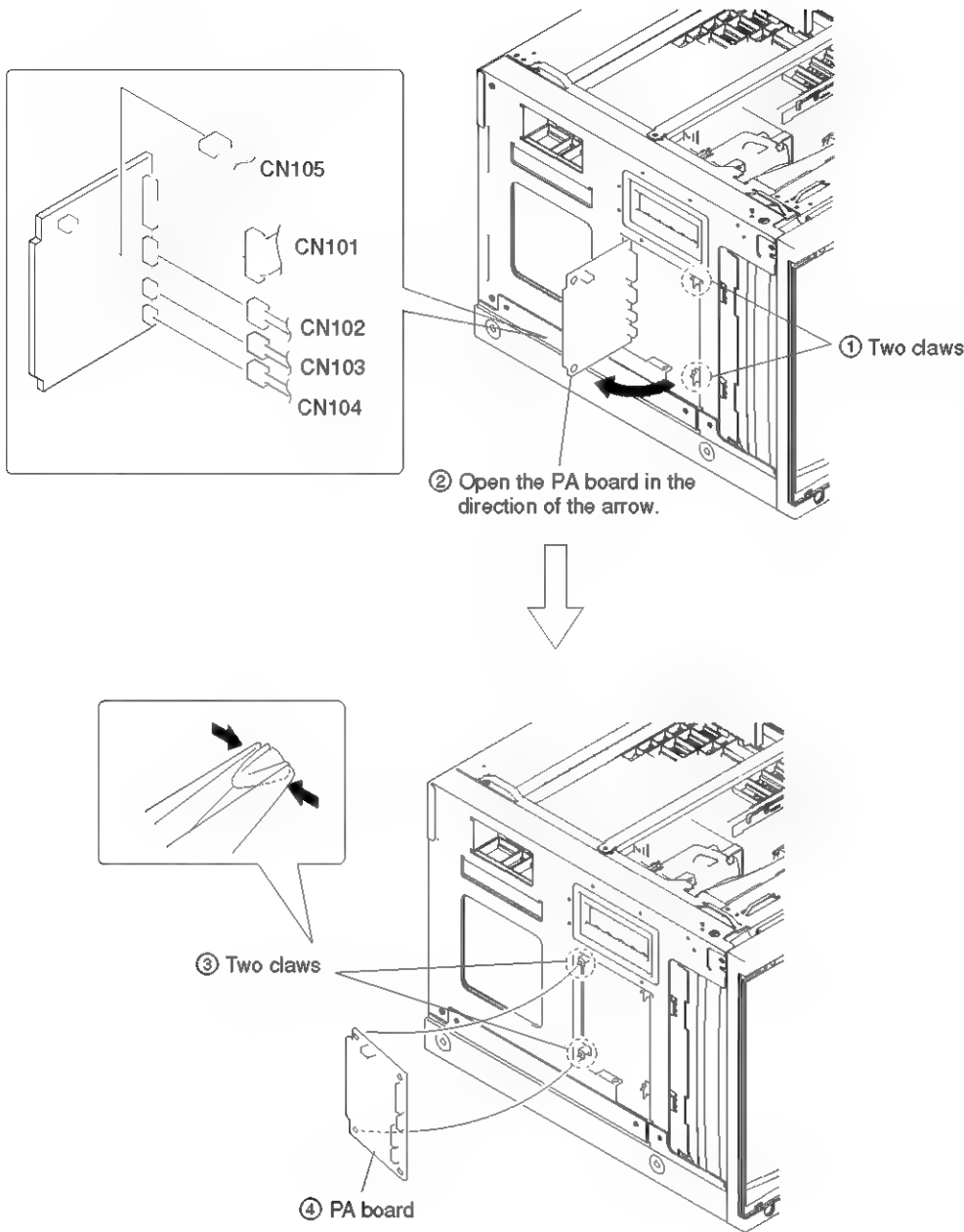
### 1-3-12. Blind Cover Assembly (20 Inch)



### 1-3-13. TB Board (20 Inch)



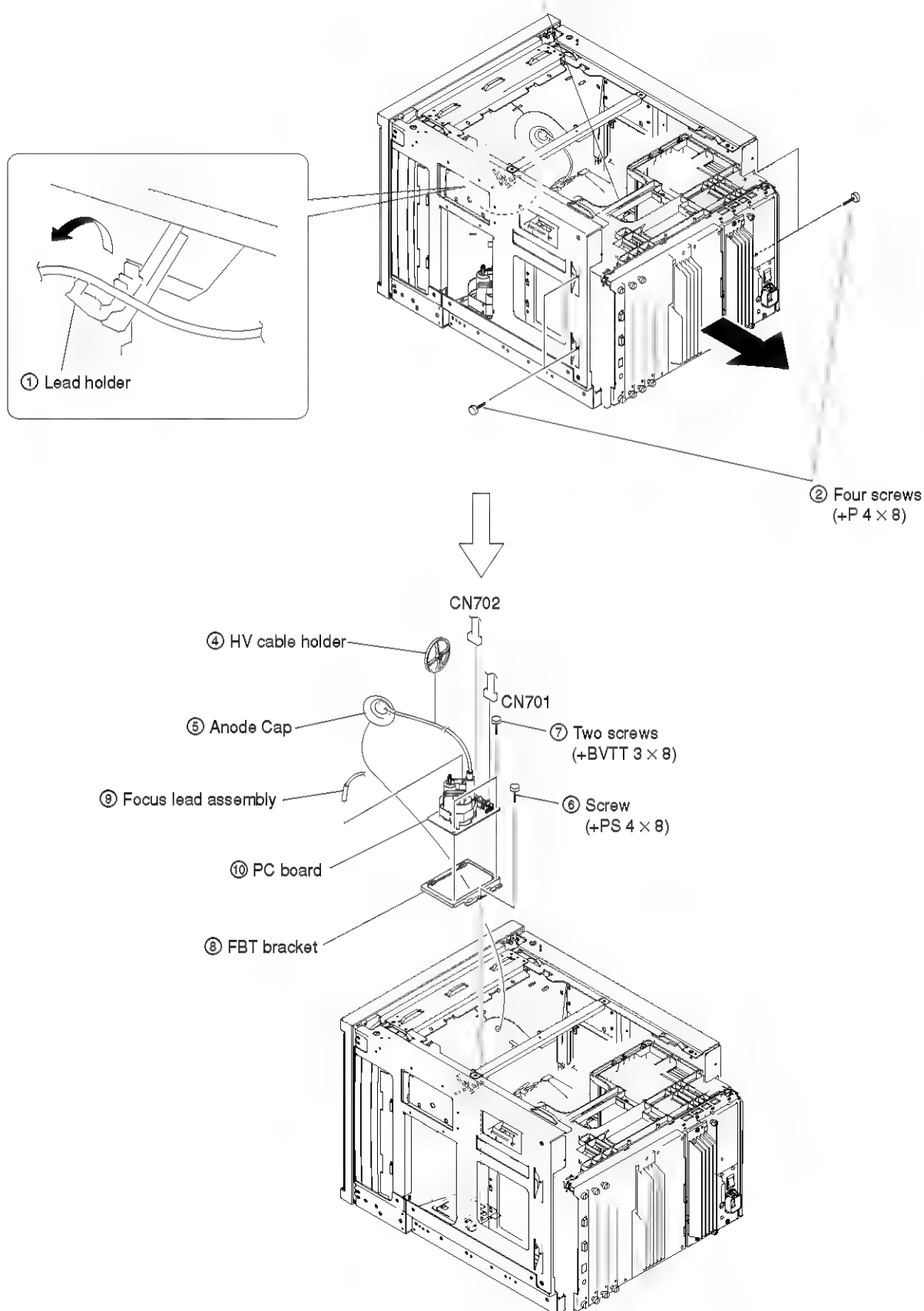
1-3-14. PA Board (20 Inch)



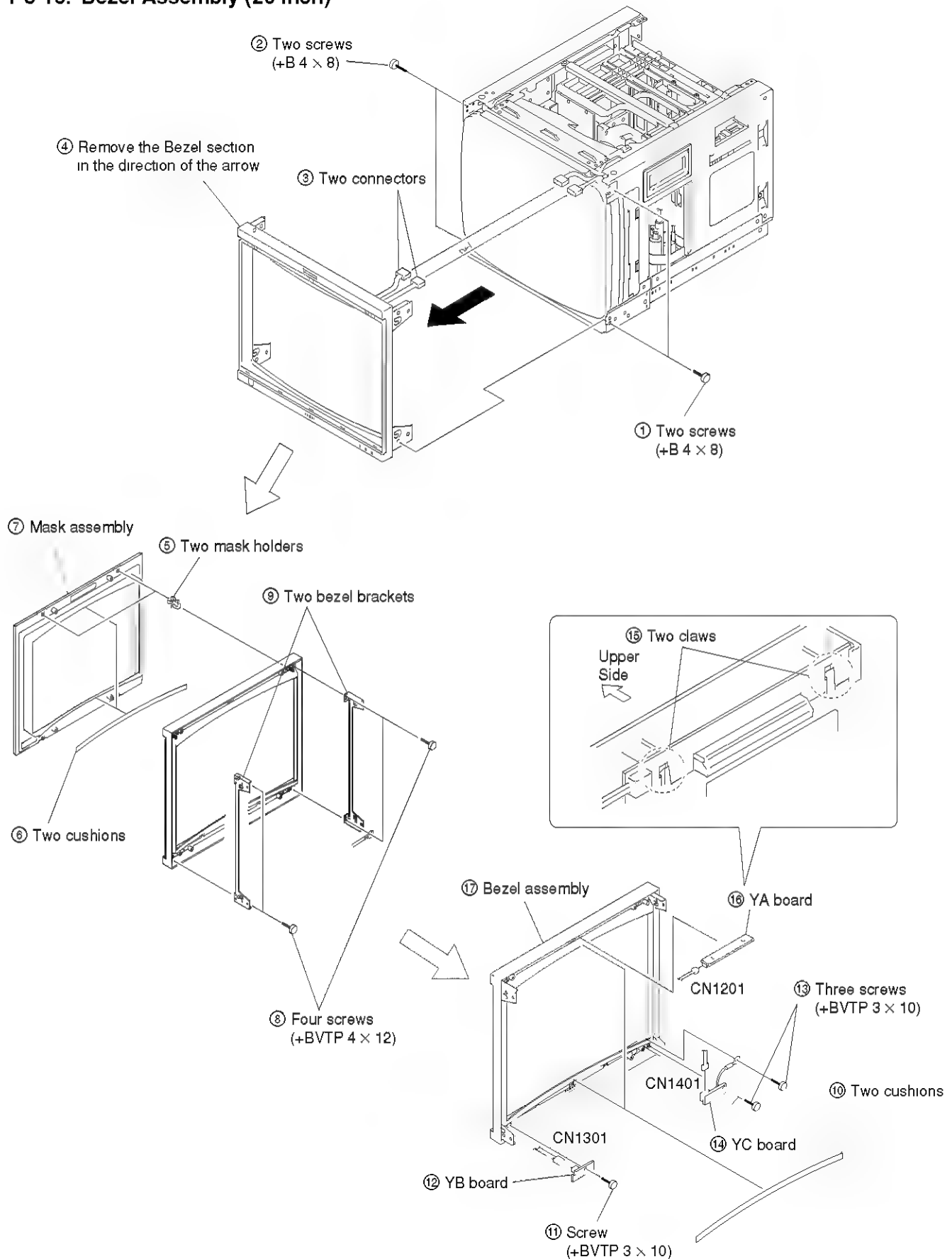


### 1-3-15. PC Board (20 Inch)

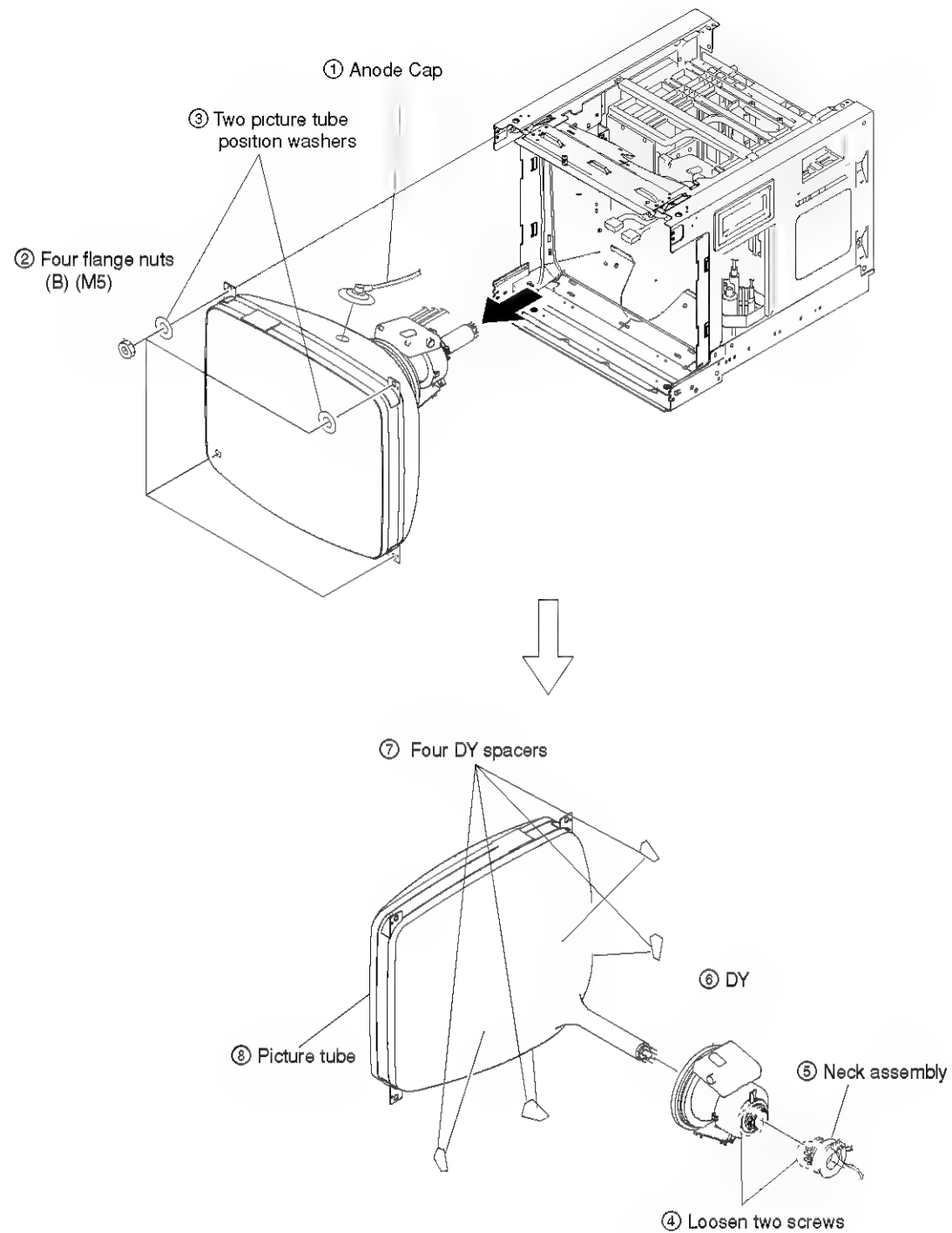
- ③ Pull the card slot section and other parts in the direction of the arrow



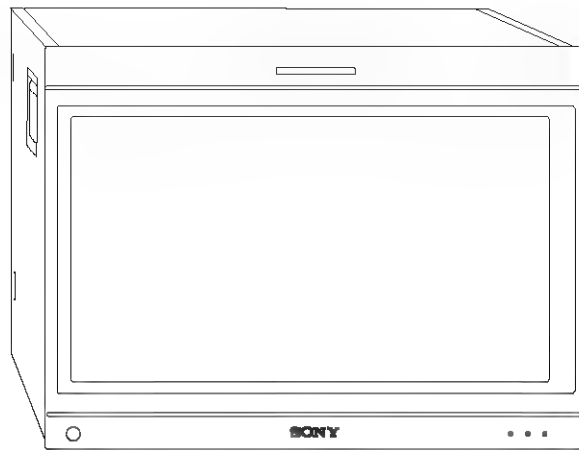
## 1-3-16. Bezel Assembly (20 Inch)



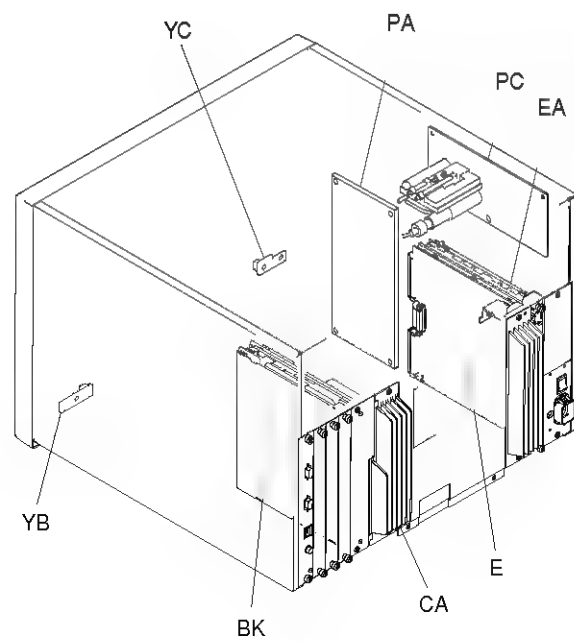
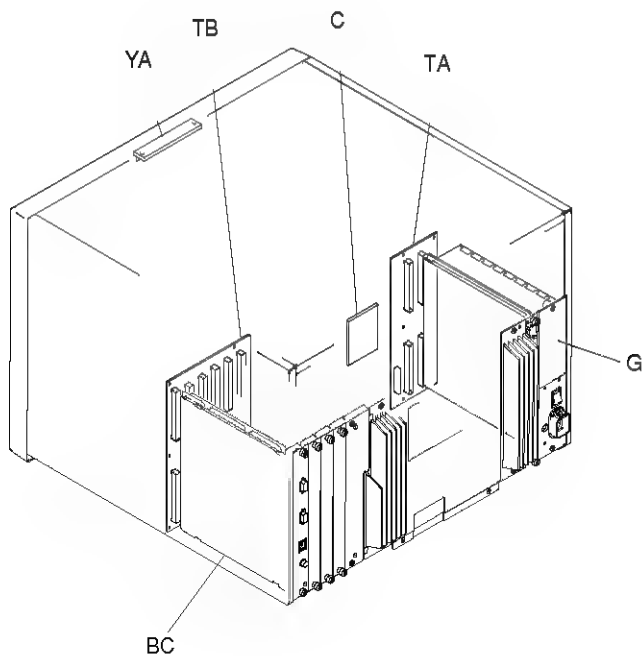
### 1-3-17. Picture Tube (20 Inch)



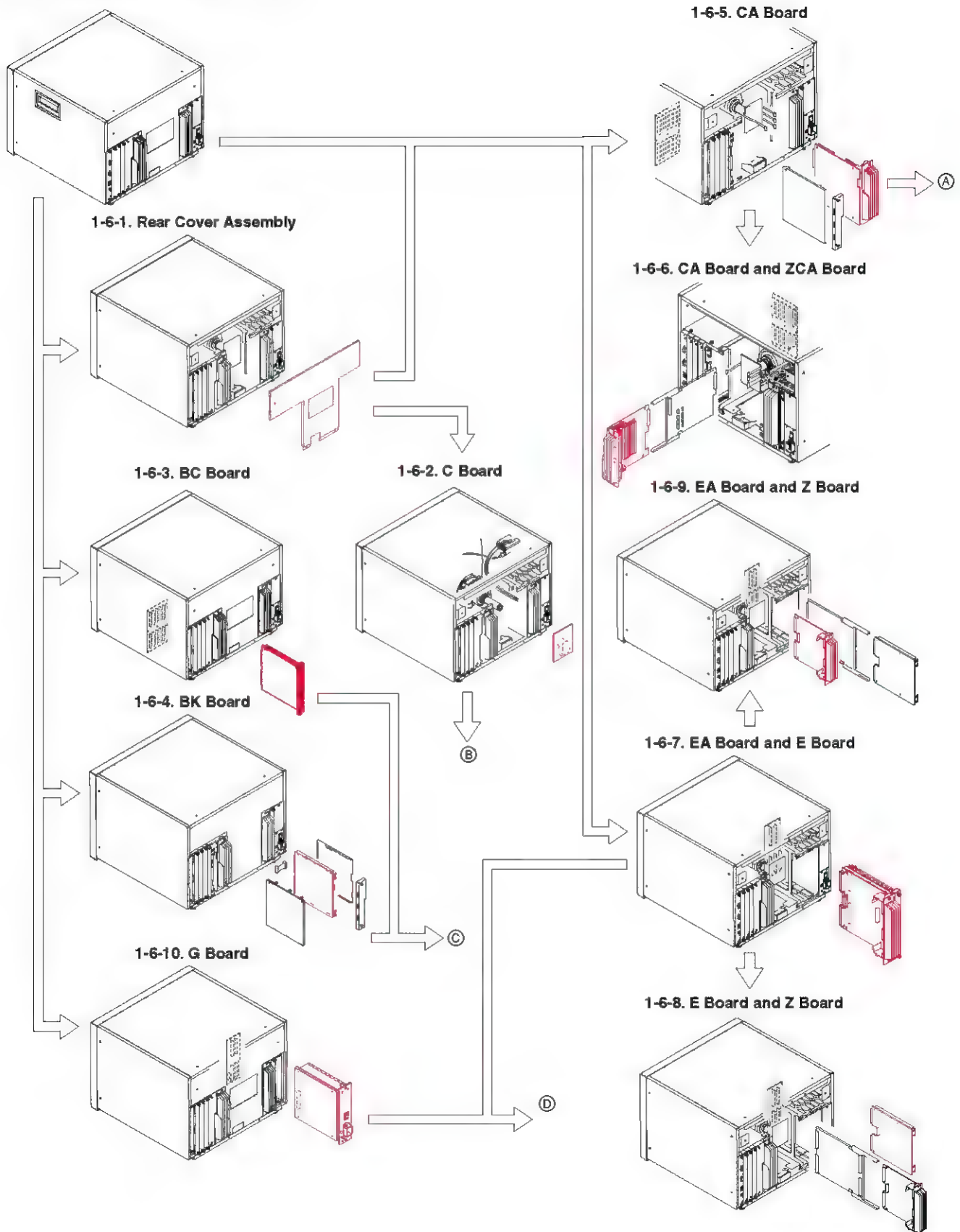
#### 1-4. Appearance Figure (24 Inch)



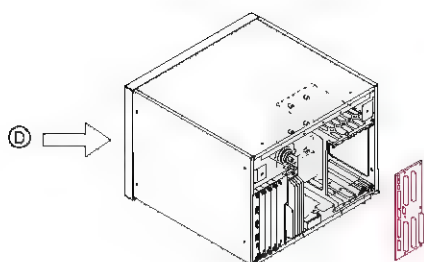
#### 1-5. Board Locations (24 Inch)



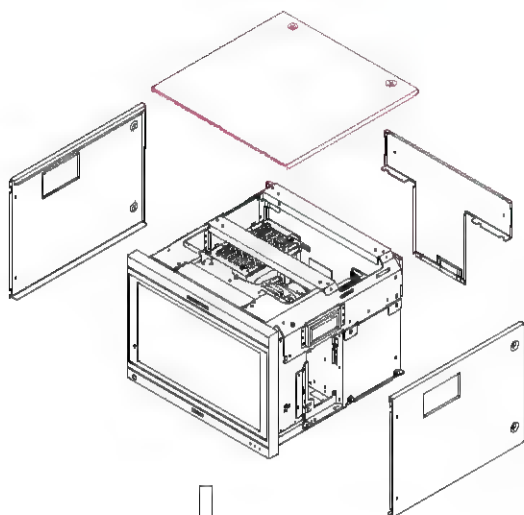
## 1-6. Disassembly (24 Inch)



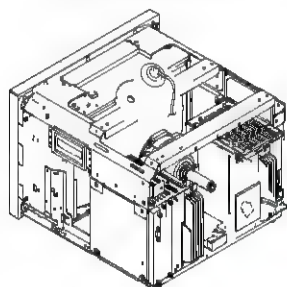
# 1-6-11. TA Board



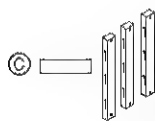
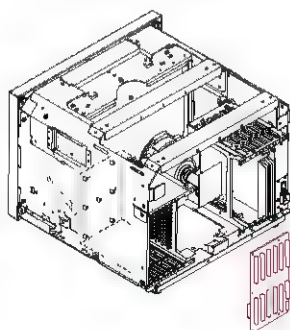
# 1-6-12. Cover



# 1-6-13. PC Board

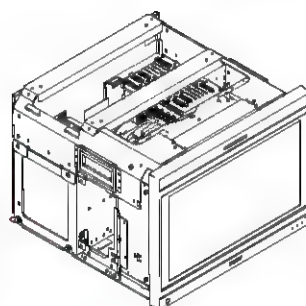


# 1-6-14. TB Board

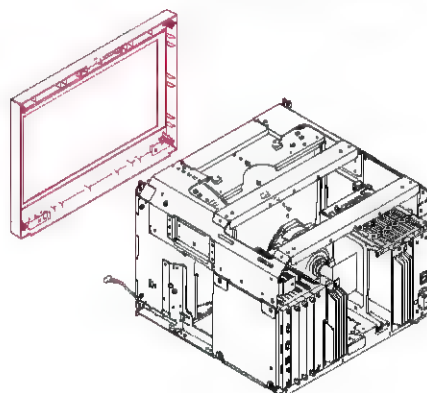


Remove three blank panels before installing the boards.

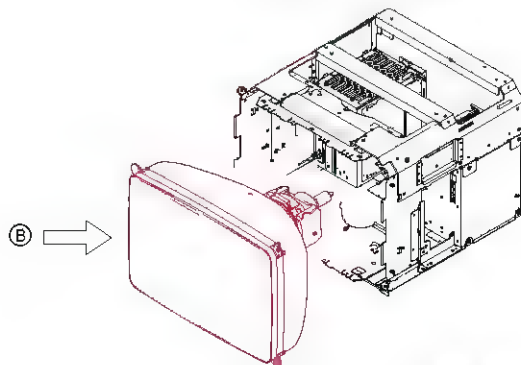
# 1-6-15. PA Board



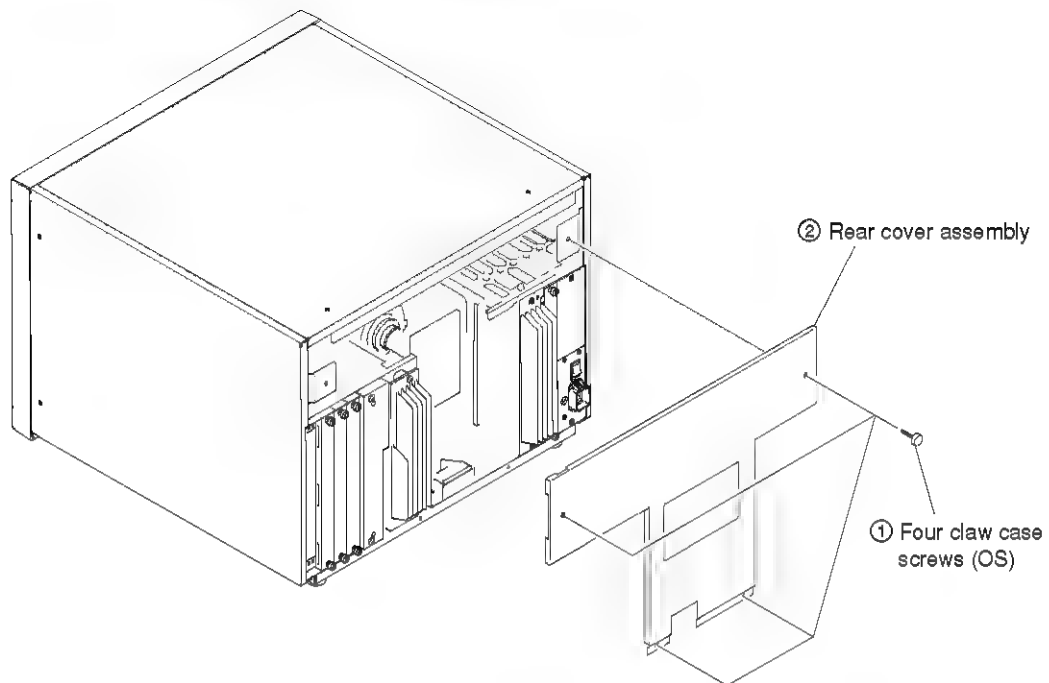
# 1-6-16. Bezel Assembly



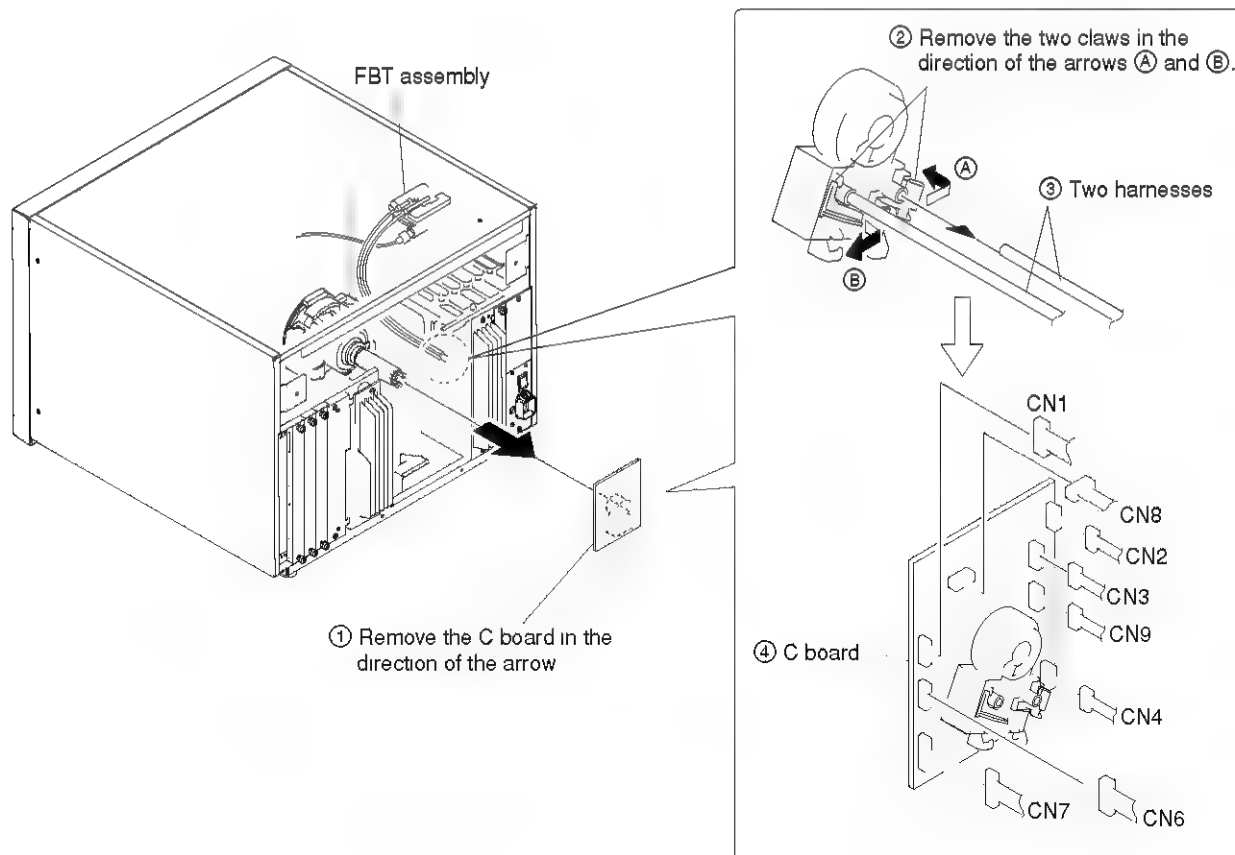
# 1-6-17. Picture Tube



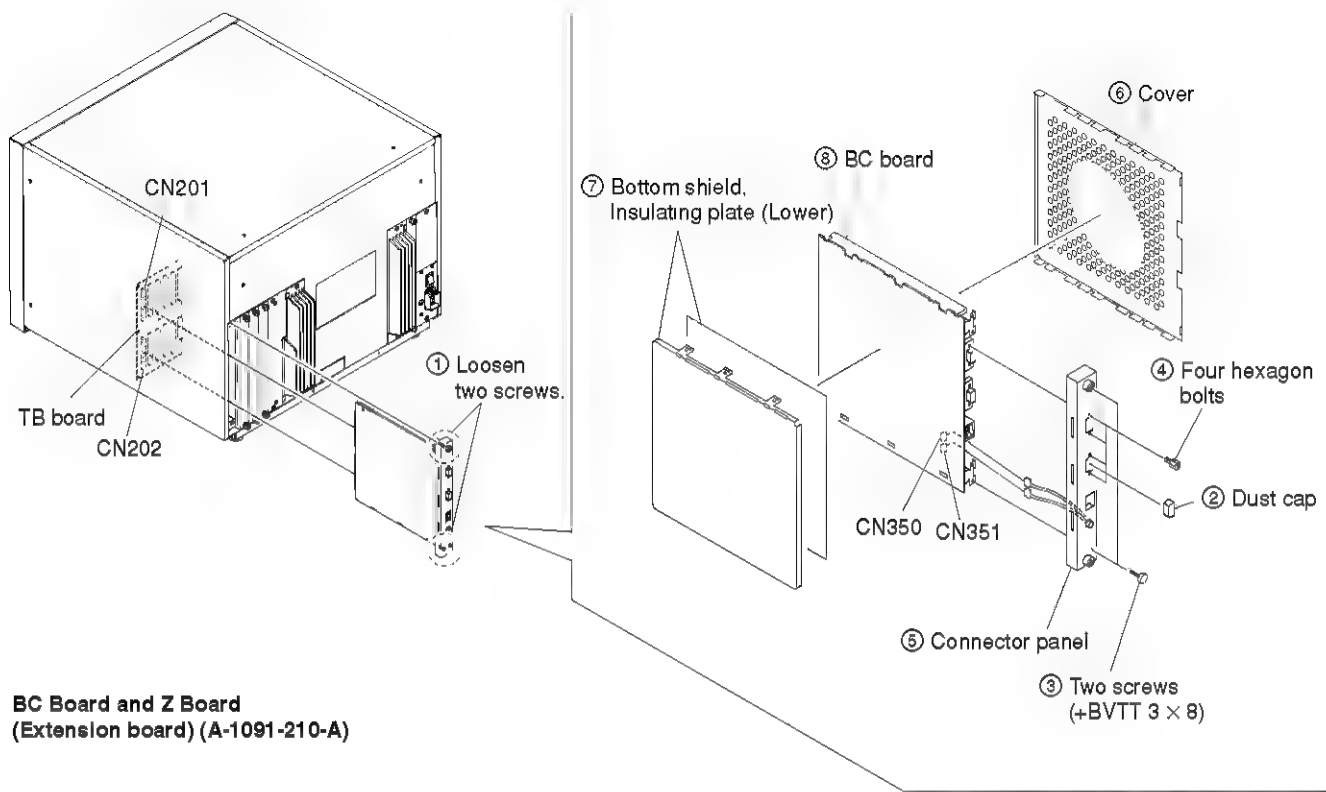
### 1-6-1. Rear Cover Assembly (24 Inch)



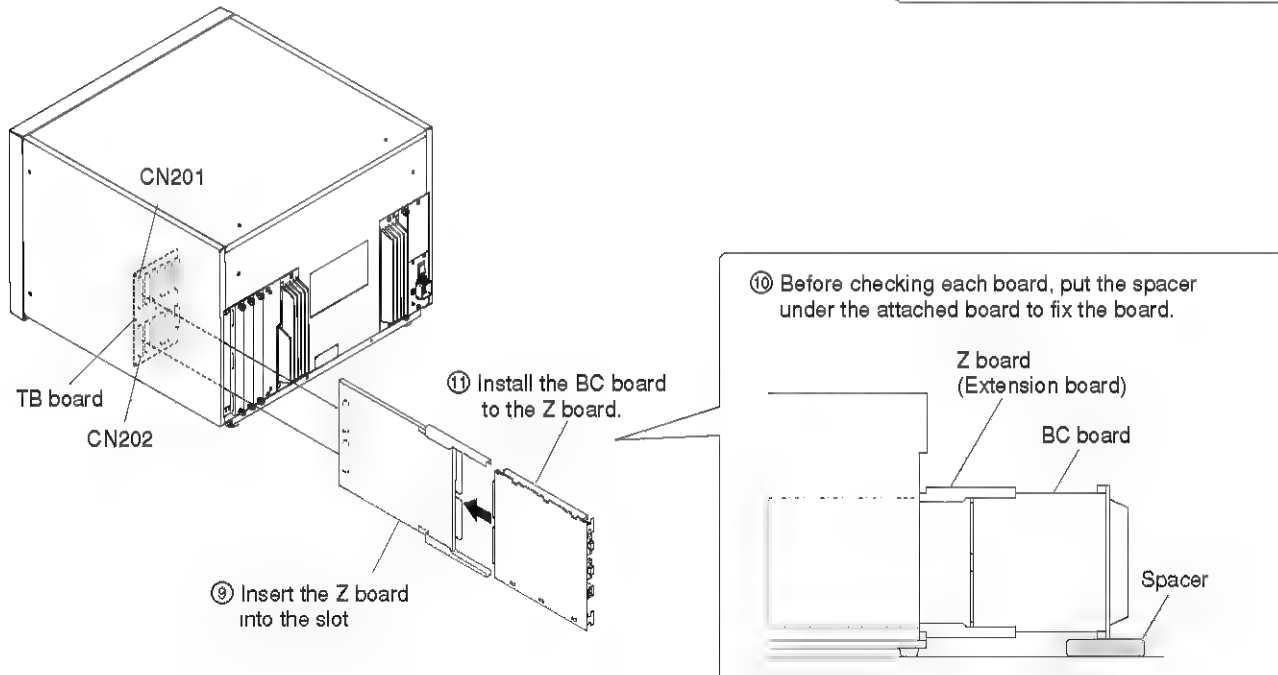
### 1-6-2. C Board (24 Inch)



### 1-6-3. BC Board (24 Inch)

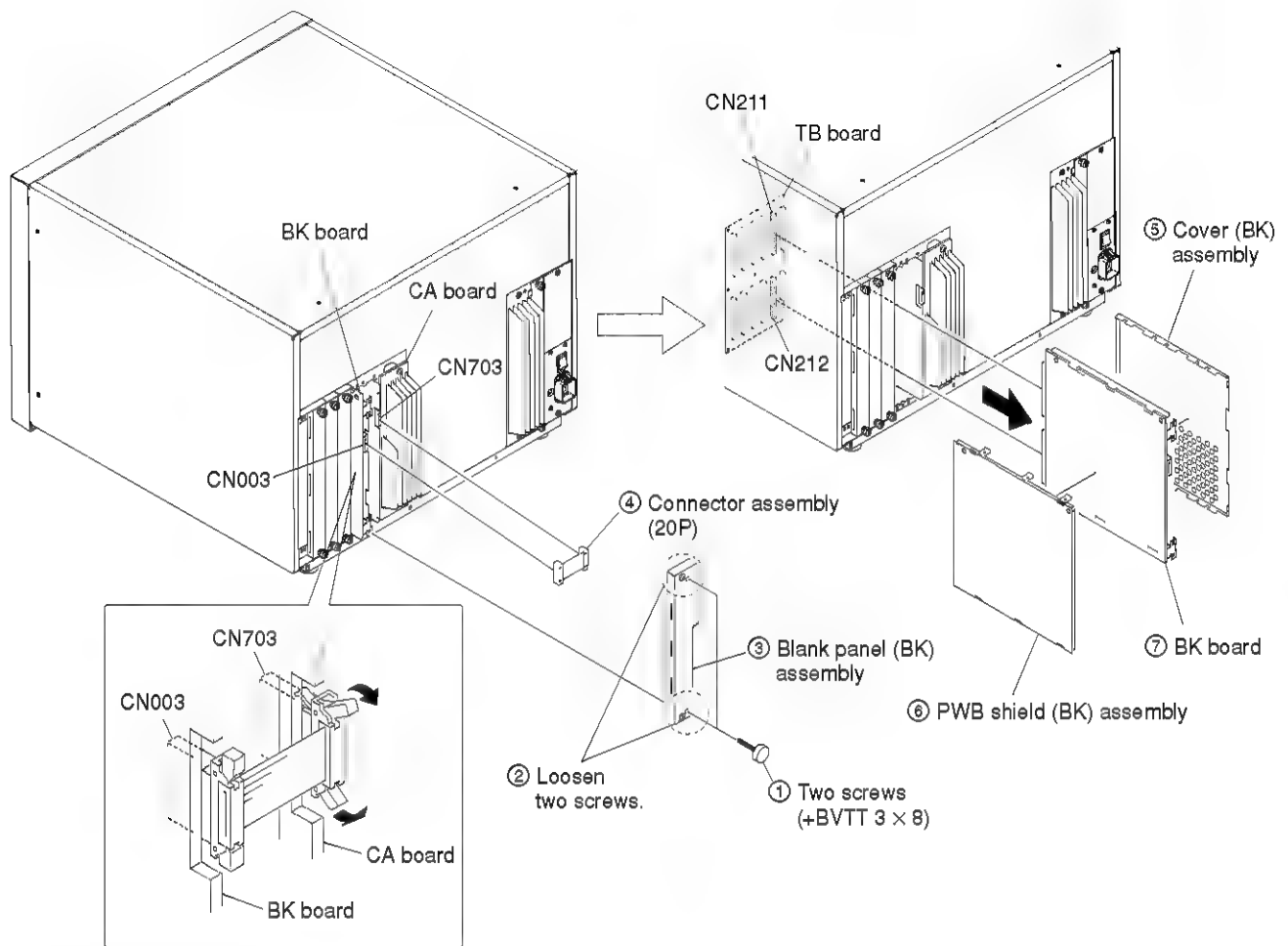


### BC Board and Z Board (Extension board) (A-1091-210-A)

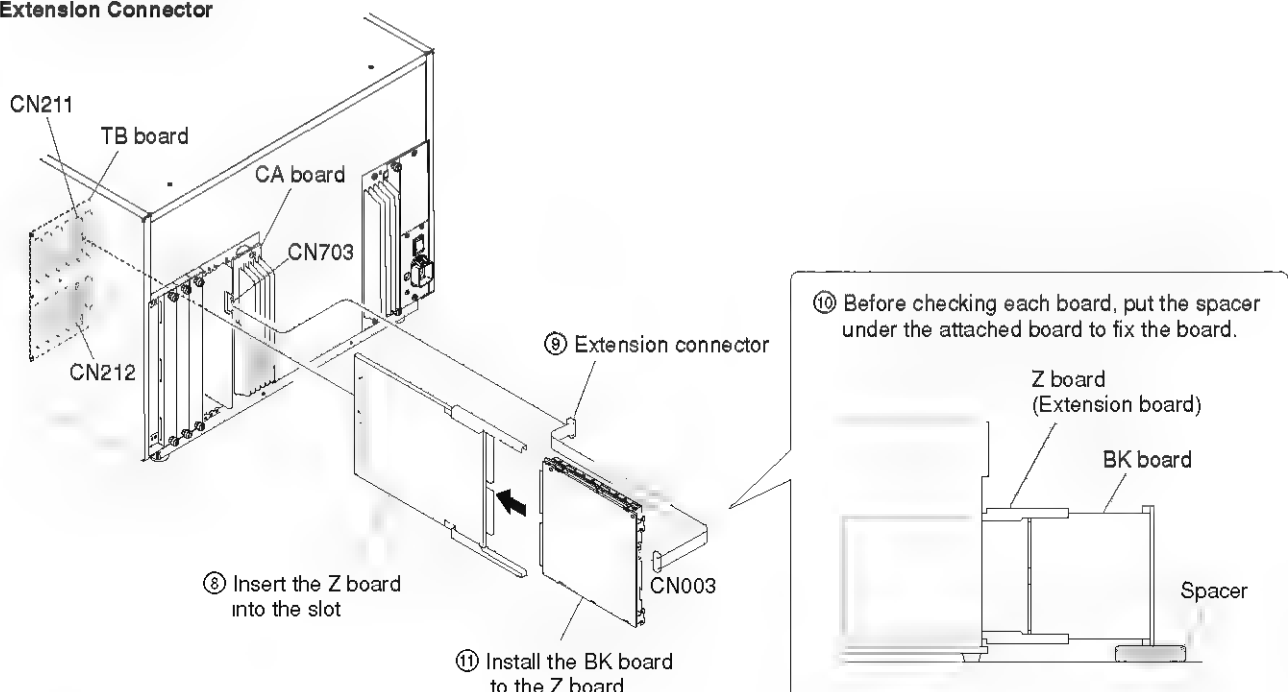




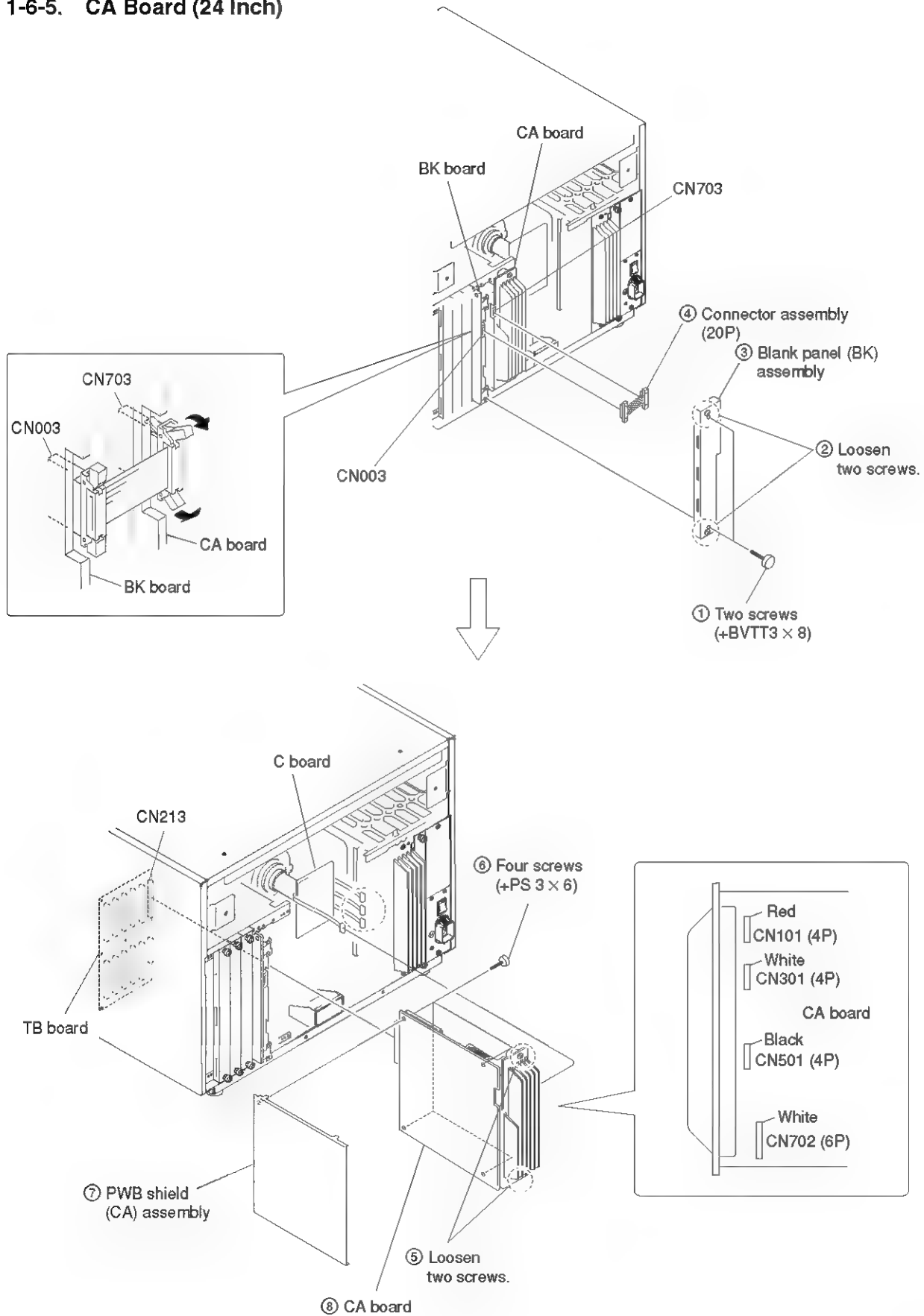
#### 1-6-4. BK Board (24 Inch)



#### BK Board and Z Board (Extension board) (A-1091-210-A) Extension Connector

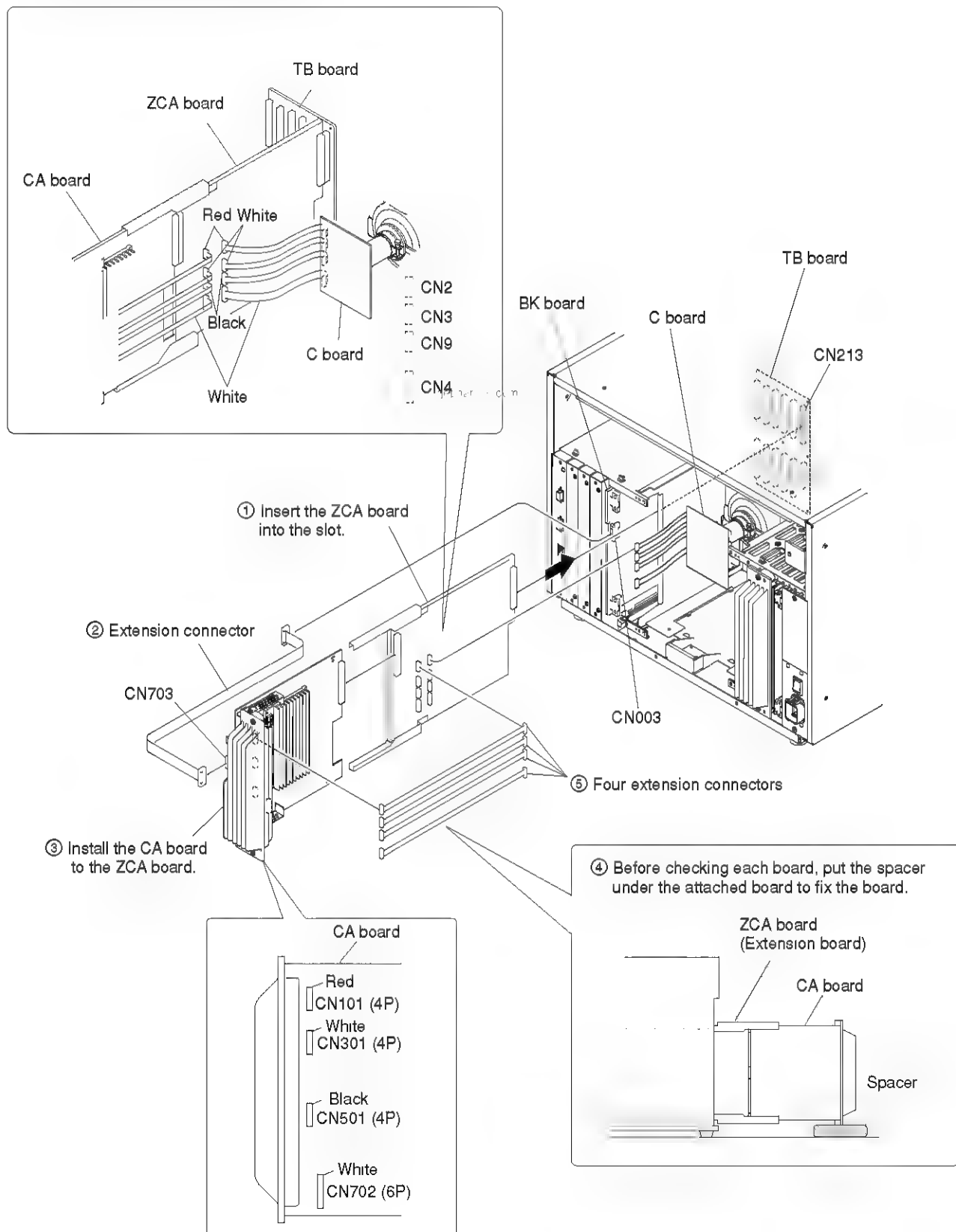


## 1-6-5. CA Board (24 Inch)

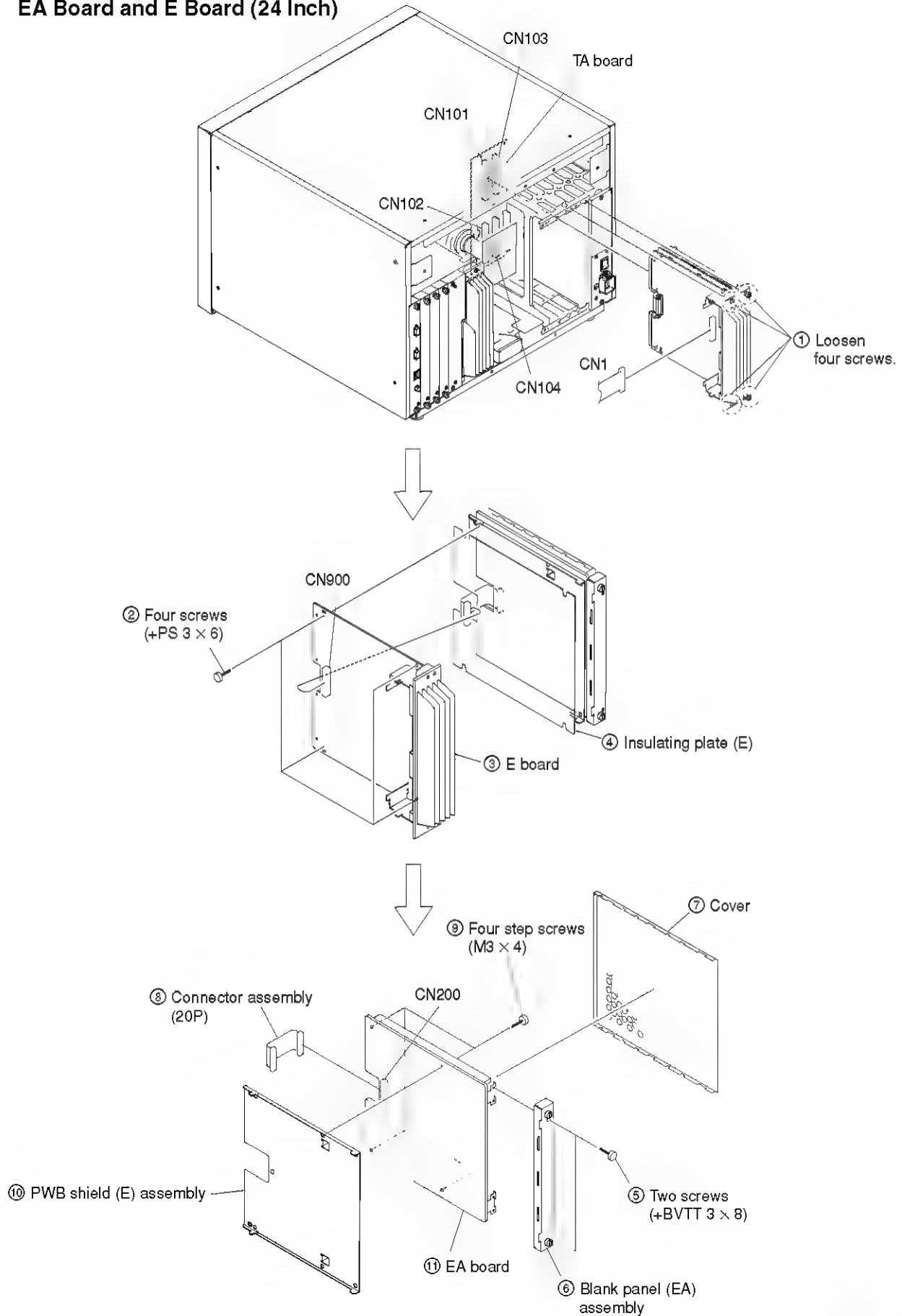


## 1-6-6. CA Board and ZCA Board (24 Inch)

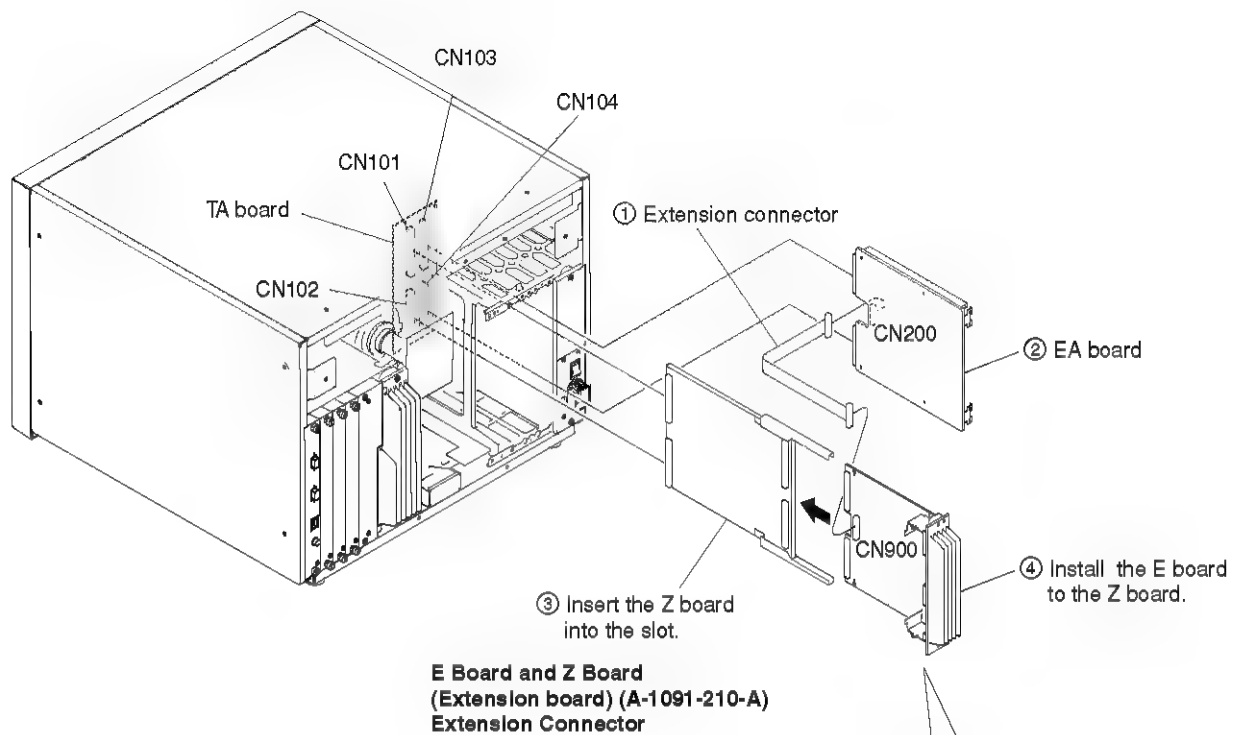
ZCA Board (Extension board) (A-1091-211-A)  
Five Extension Connectors



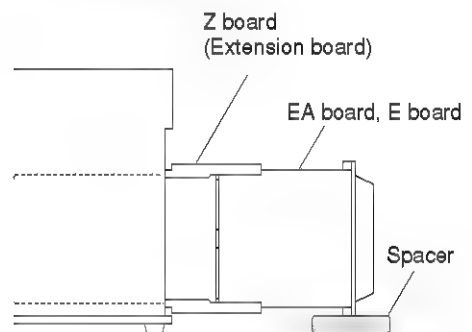
## 1-6-7. EA Board and E Board (24 Inch)



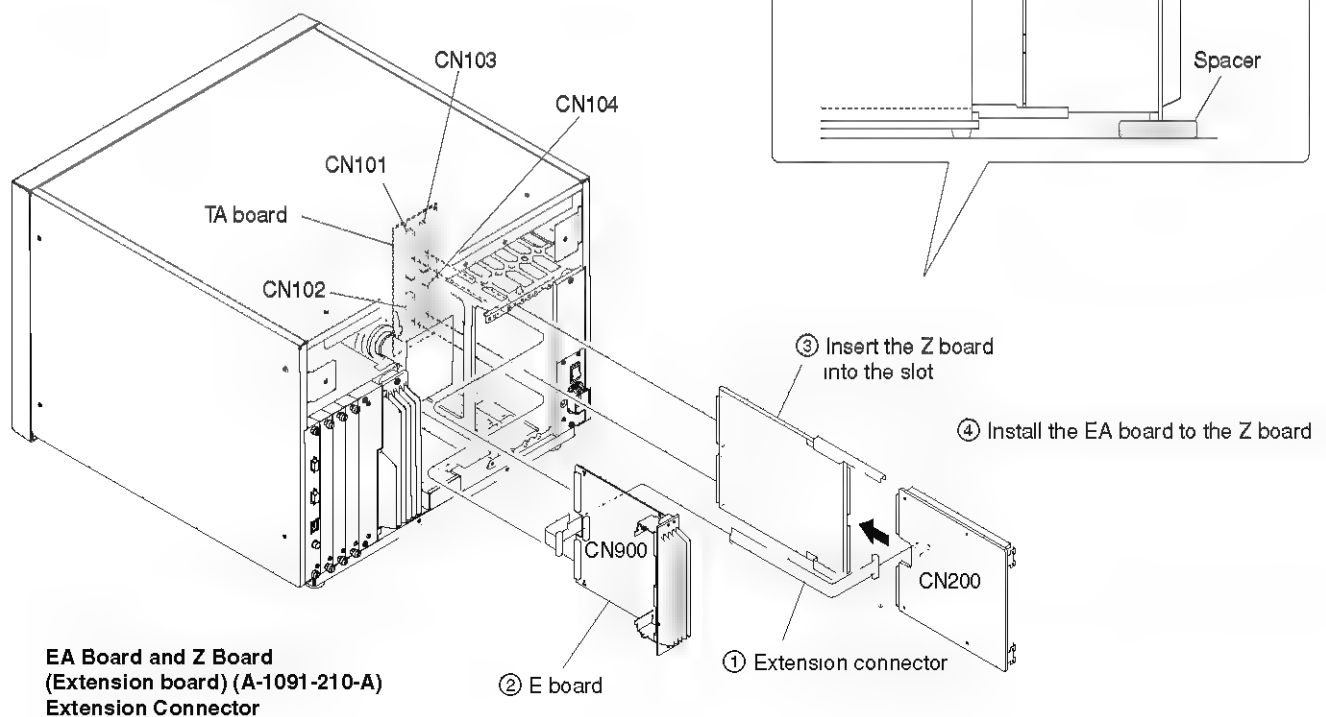
## 1-6-8. E Board and Z Board (24 Inch)



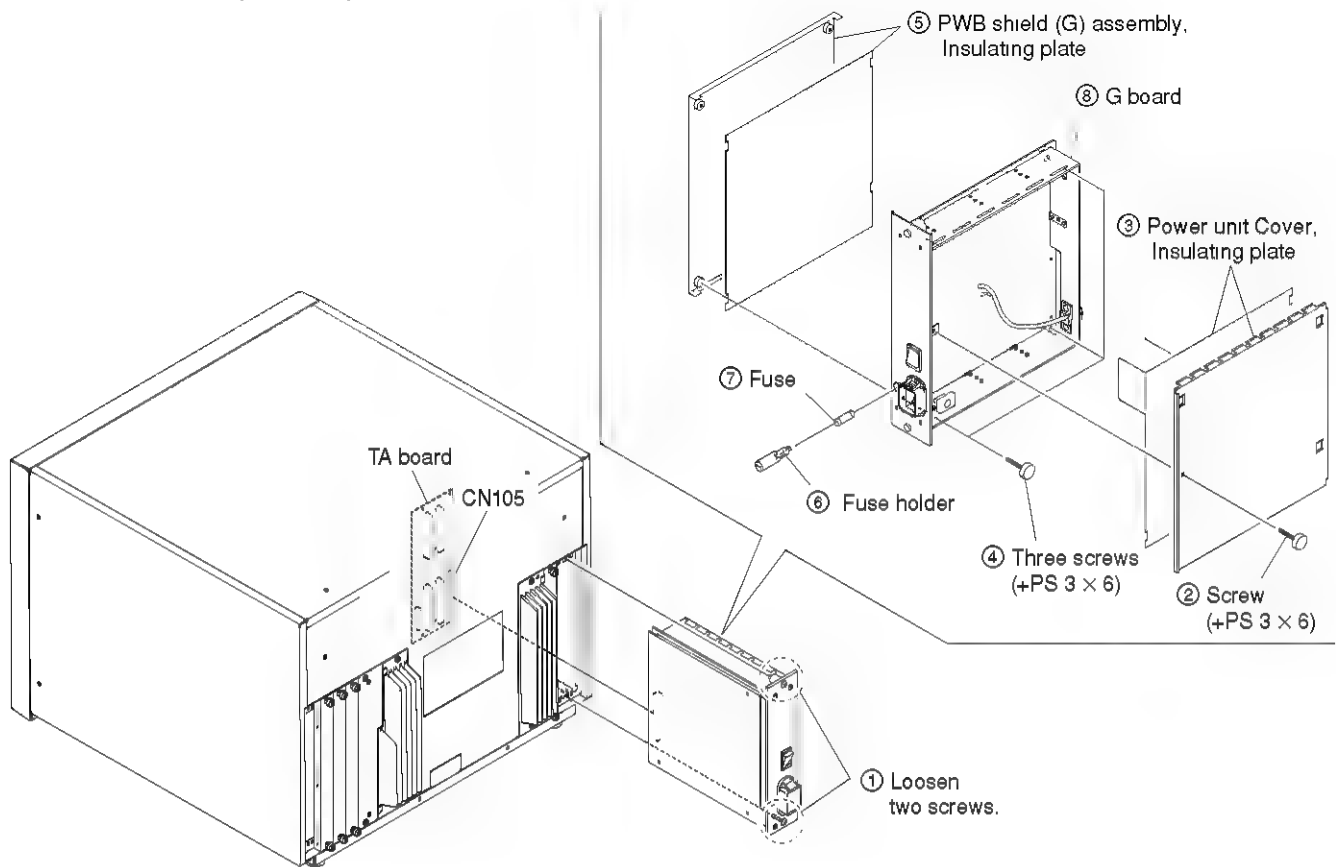
Before checking each board, put the spacer under the attached board to fix the board.



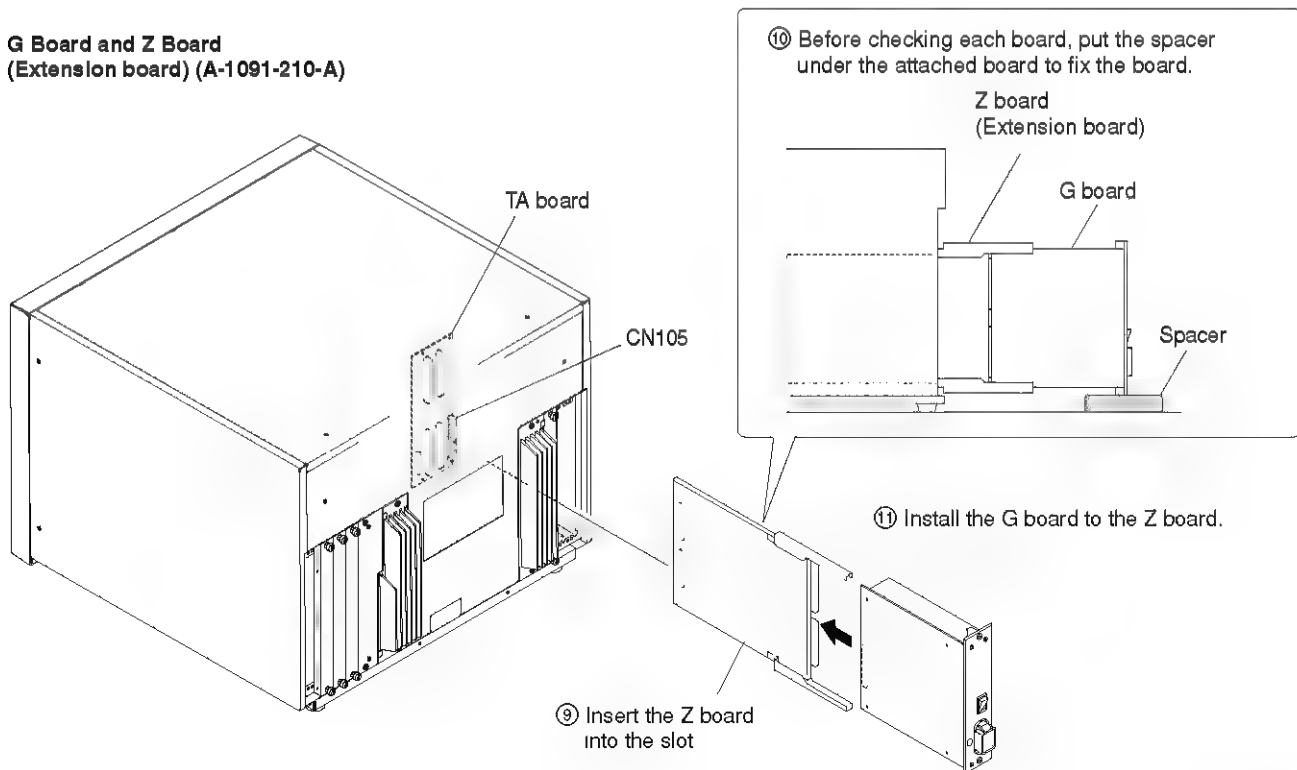
## 1-6-9. EA Board and Z Board (24 Inch)



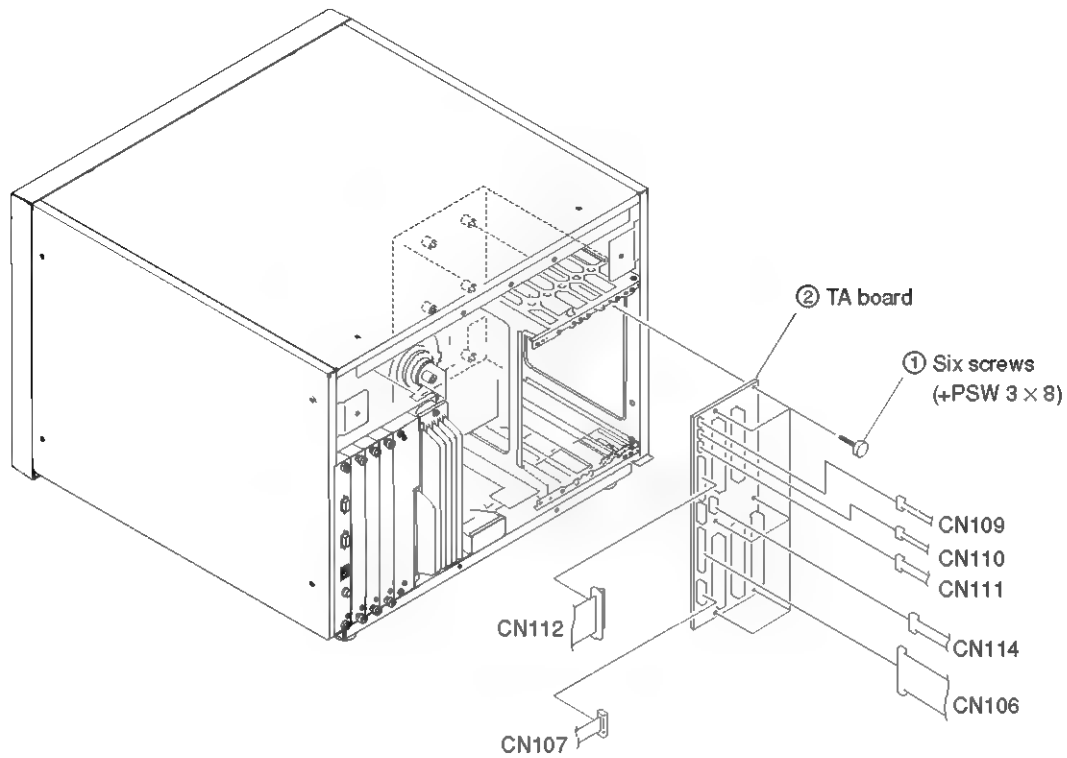
## 1-6-10. G Board (24 Inch)



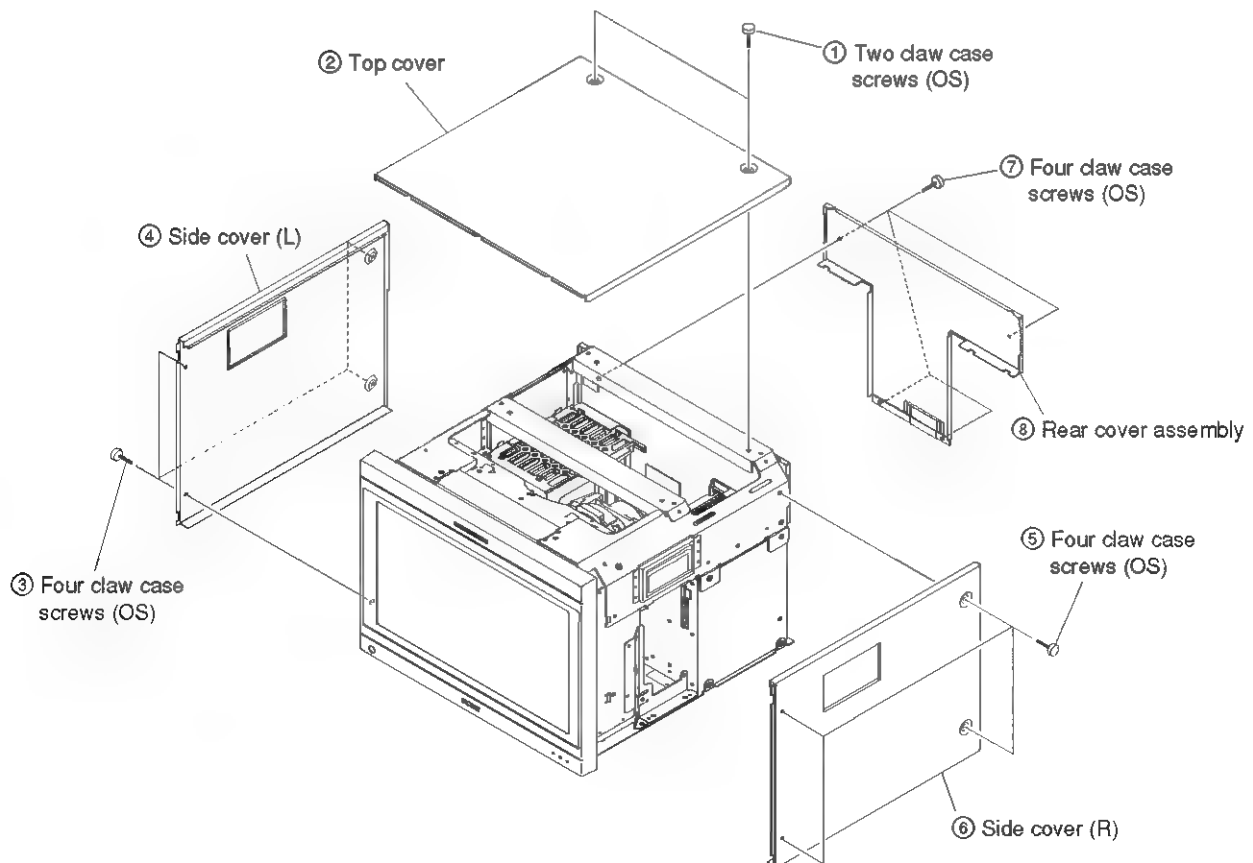
## G Board and Z Board (Extension board) (A-1091-210-A)



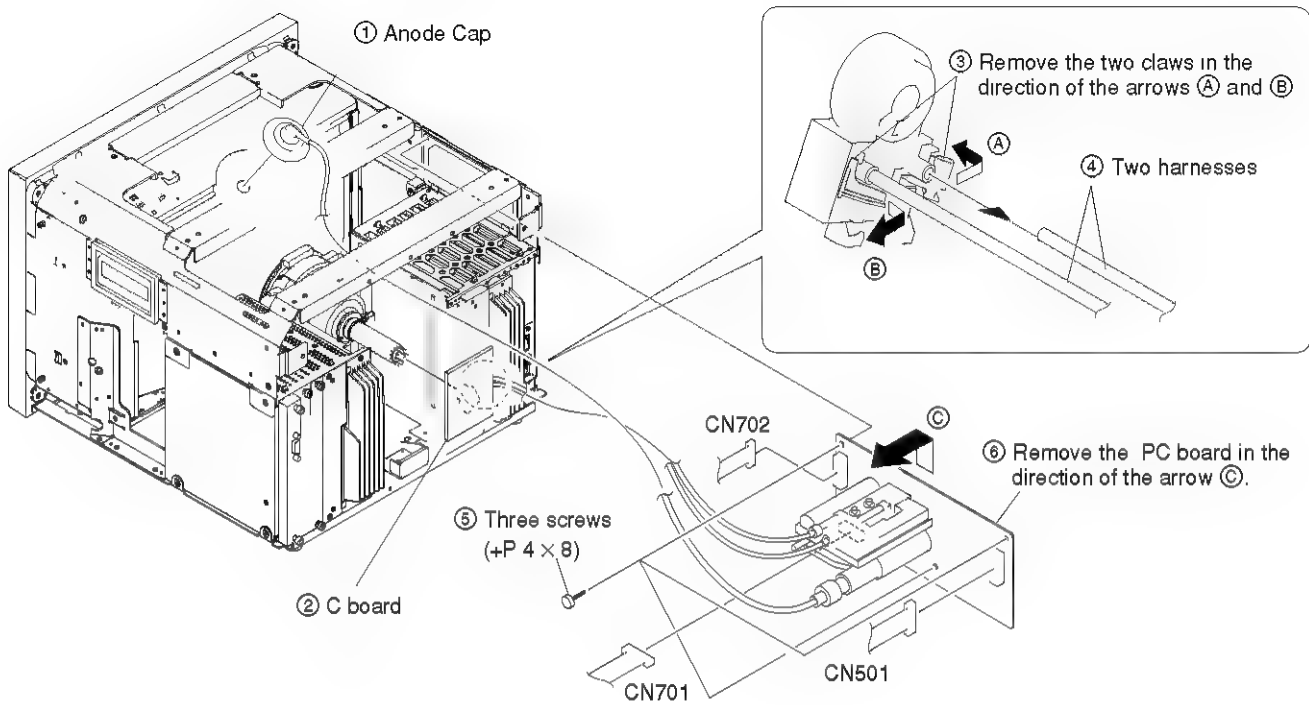
### 1-6-11. TA Board (24 Inch)



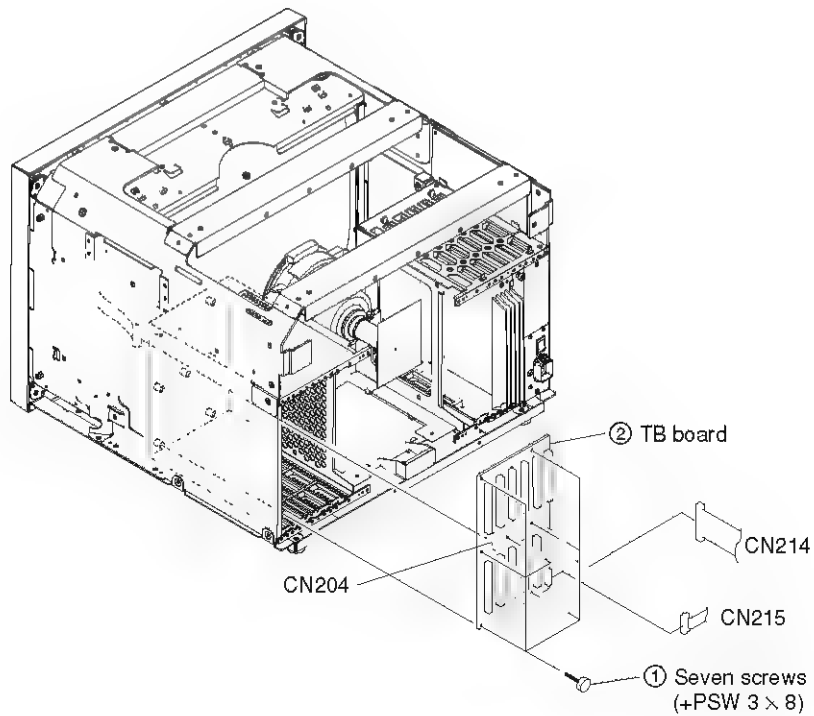
### 1-6-12. Cover (24 Inch)



### 1-6-13. PC Board (24 Inch)

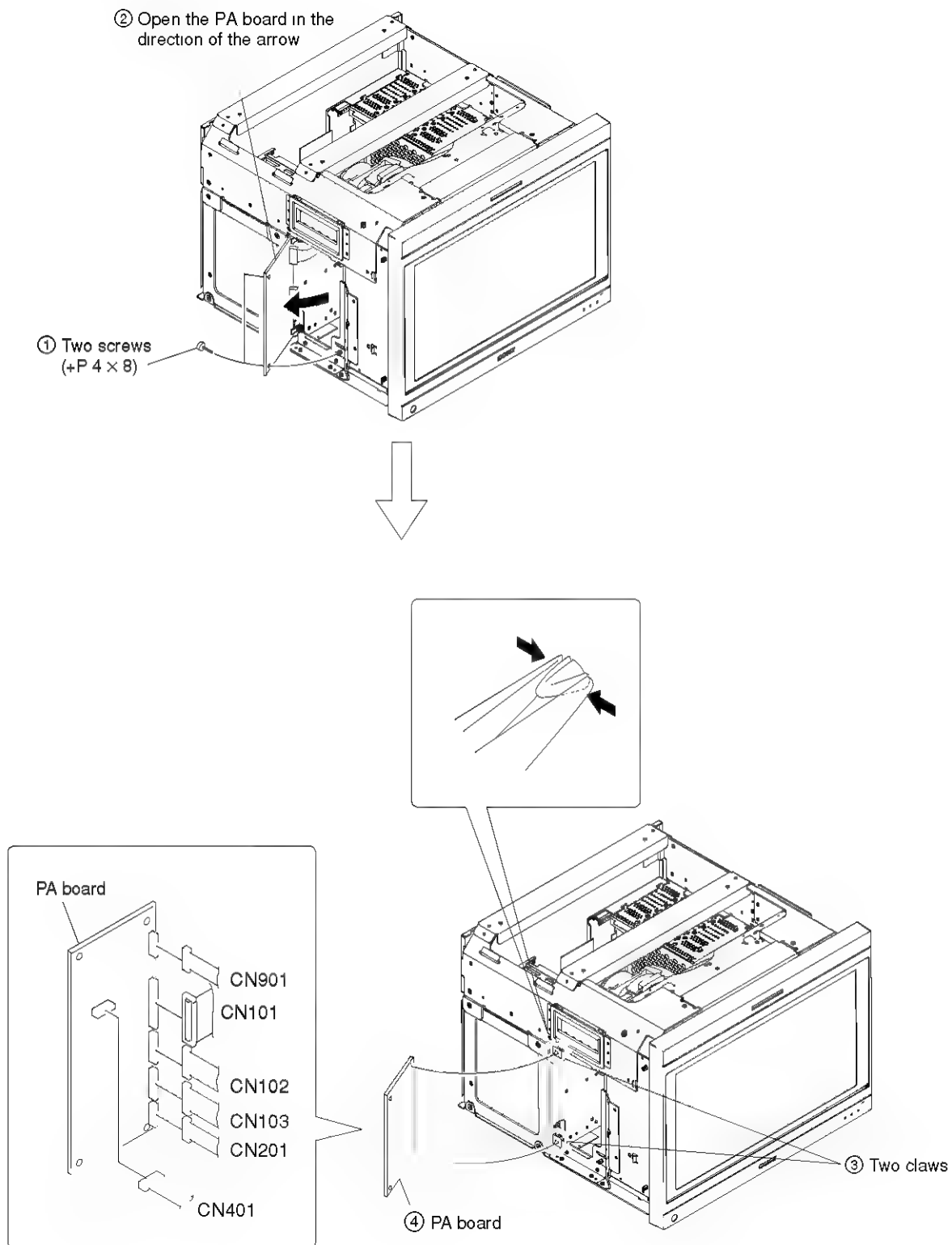


### 1-6-14. TB Board (24 Inch)

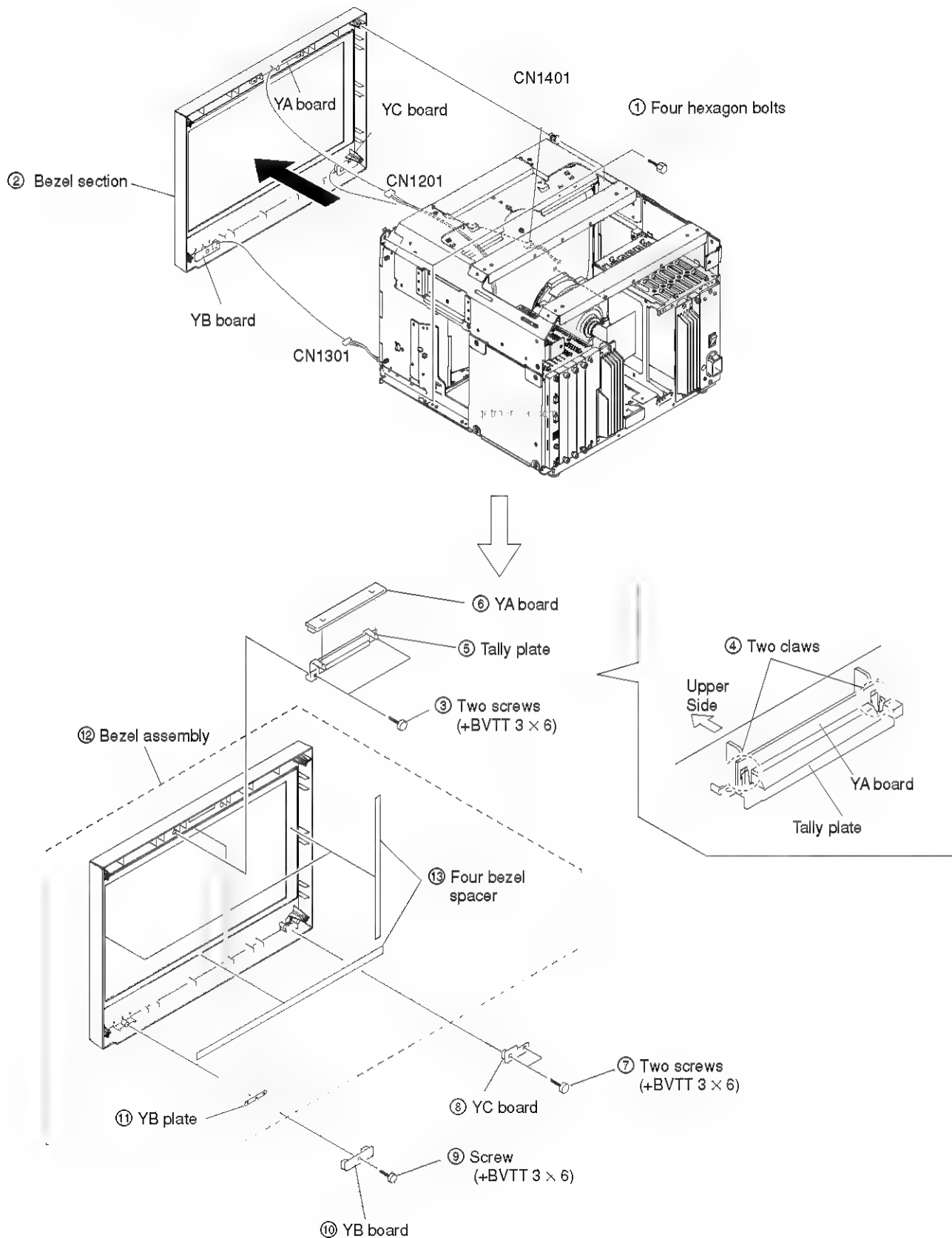




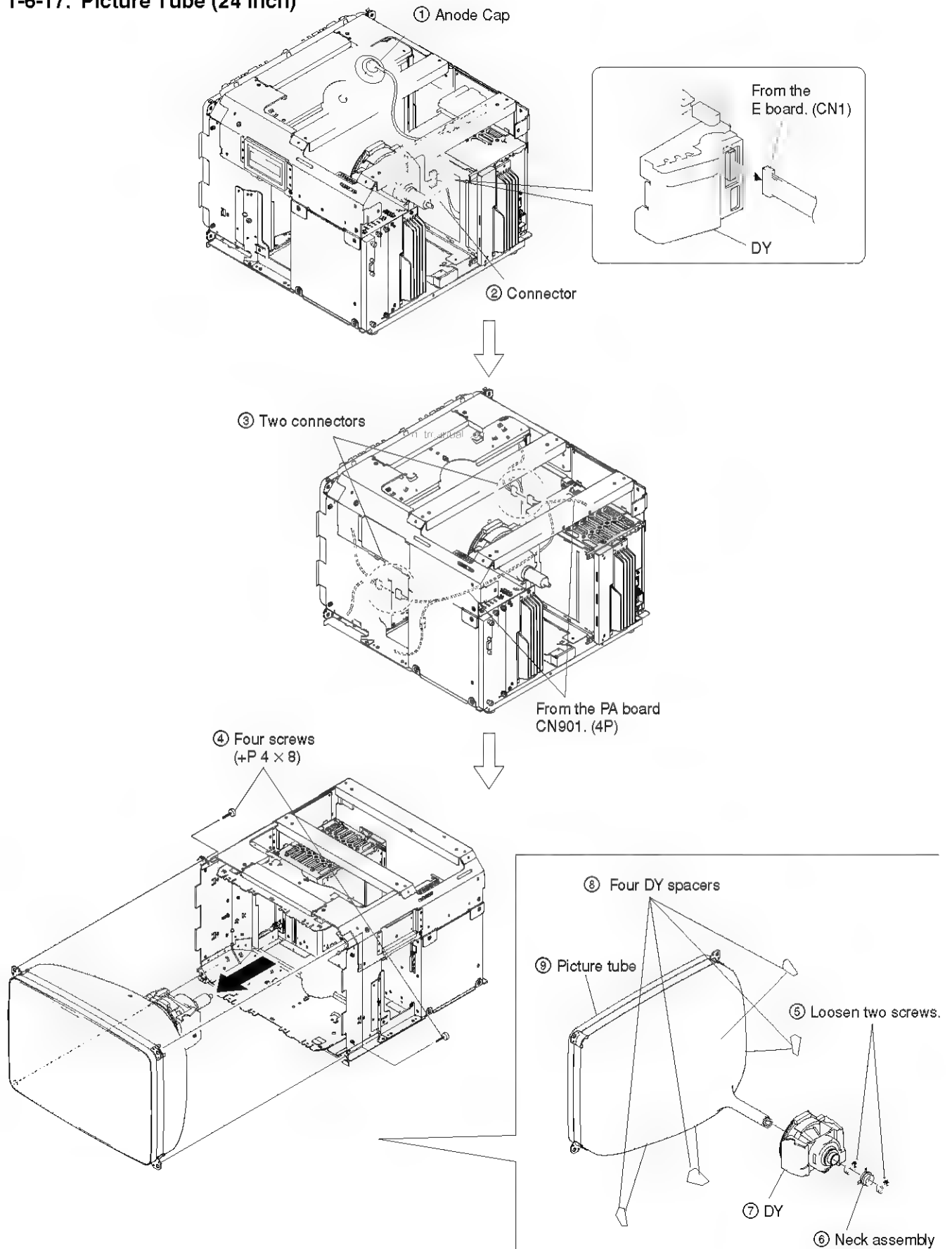
## 1-6-15. PA Board (24 Inch)



## 1-6-16. Bezel Assembly (24 Inch)



## 1-6-17. Picture Tube (24 Inch)

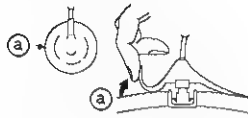


## 1-6-18. Anode Cap

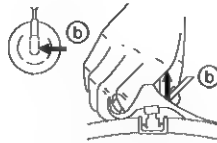
### Note

Short-circuit the anode of the CRT and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

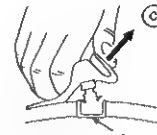
### • Removal Procedure



- (1) Turn up one side of the rubber cap in the direction indicated by arrow (a).



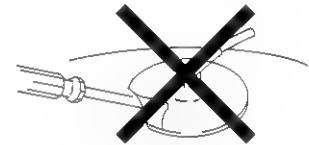
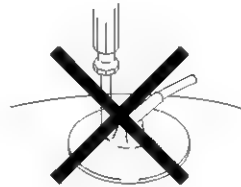
- (2) Using a thumb, pull up the rubber cap firmly in the direction indicated by arrow (b).



- (3) When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow (c).

### • Handling Precautions

- (1) Do not scratch the surface of anode cap with a sharp object.
- (2) Do not press the rubber so hard that it damages the inside of anode caps. A shatter-hook terminal is built into the rubber.
- (3) Do not turn the foot of the rubber over.  
The shatter-hook terminal will stick out or damage the rubber.



## 1-7. Writing and Rewriting PLD Internal Data

The BVM-A20/A24 is equipped with a PLD (Programmable Logic Device) which can be written and rewritten using the e-Production (EPR) method.

When replacing the following parts or upgrading the PLD version, contact your local Sony Sales Office/Service Center.

### Note

The part number of the PLD (or the ROM for the PLD) presented in "Spare Parts" is that of the part with no data written.

When you need to replace any part, write data in the steps on the right.

For the PLD whose program operates on the externally connected ROM, when a part in the PLD is defective, if you replace only the defective part, you do not have to rewrite the data.

### About e-Production

- When writing or rewriting the PLD internal data,
  1. standard tools (cables) can be used.
  2. standard software (PLD Download Tool) can be used.
- The PLD internal data is managed on the Sony database server as a Project file (E\_XXX\_XXX\_XX\_XX).
- Standard connector (EPR connector) for writing PLD internal data on the board is equipped. "EPR" is displayed on the board.

### Corresponding PLDs:

| Name of board<br>PLD/ROM      | EPR connector | Project file No. |
|-------------------------------|---------------|------------------|
| BC<br>IC150, IC168, IC301*1   | CN151         | E_000_002_99_01  |
| BK<br>IC042, IC741*2, IC907*2 | CN040         | E_000_002_90_03  |
| EA<br>IC308*3, IC400          | CN400         | E_000_002_96_01  |

\*1 IC301/BC is a ROM for IC300 BC

\*2 IC/41 IC907/BK is a ROM for IC/03 IC902 BK

\*3 IC308 EA is a ROM for IC301 EA

### Devices to be used

- PLD download tool (Sony part NO.: J-7120-140-A)  
Cable to connect PC and the BVM-A20/A24.
- PC  
The one with a parallel port  
The one on which the PLD Download Tool is installed.  
For the supported OS and operating environment, refer to "Download Tool Operating Instruction for Device Programming".

### Operation procedure

The procedure to write data to the PLD (or the ROM for the PLD) is outlined below.

For details on these steps, refer to "Download Tool Operating Instruction for Device Programming".

"Download Tool Operating Instruction for Device Programming" can be obtained on the same Web site where the PLD Download Tool software is downloaded.

Step 1. Prepare the Project file.

### Note

Download the Project file from the Sony database server.

Step 2. With the power of the monitor turned off, connect the parallel port on the PC and the EPR connector on the target board with the PLD download tool (cable).

Step 3. Turn on the power of the monitor.  
Launch the PLD Download Tool software, and import the Project file.

Step 4. Program the PLD (or the ROM for the PLD) by using the PLD Download Tool software.

Step 5. When the programming completes correctly (without an error message), restart the monitor.

### Note

When the target board is extended with the Z board (extension board), be sure to remove the four short pins of connector CN106 on the Z board to make it open. Otherwise, an error may occur while writing the data.

Connector CN106 on the Z board can also be used as the EPR connector.



## Section 2

### Setup Adjustment

#### 2-1. Setup Adjustment When CRT is Replaced

This section describes adjustments to be performed when the CRT has been replaced.

##### [Preparations]

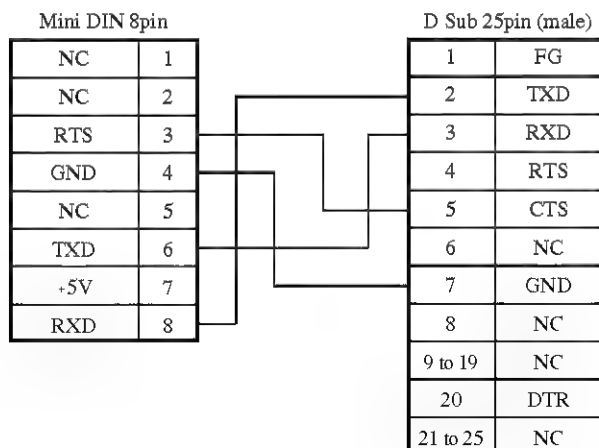
- Required tools and measuring instruments
- 1. YPBPR signal generator
  - 1080/60i (1125) : SMPTE274M standard or BTA S-001 standard
  - 1035/60i (1125) : BTA S-001 standard
  - 1080/60i (1125) : SMPTE274M standard or BTA S-001 standard
  - 720/60p : SMPTE 296M standard
  - 720/50p : SMPTE 296M standard
  - 480/60p (525P) : SMPTE293M standard
  - 576/50p (625P) : SMPTE293M standard
  - 480/60i (525) : ITU601 standard
  - 575/50i (625) : ITU1358 standard
  - 1080/48i (1125) : SMPTE RP211
- 2. BKM-68X (analog component input adaptor)
- 3. Oscilloscope  
Tektronix 2465 or equivalent (that of 350-MHz band)
- 4. Color analyzer (Minolta CA-100)
- 5. Cables of the following specifications for connecting the CA-100 RS-232C terminal and OPTION terminal of the monitor.

- Setting the INPUT CONFIGURATION Menu

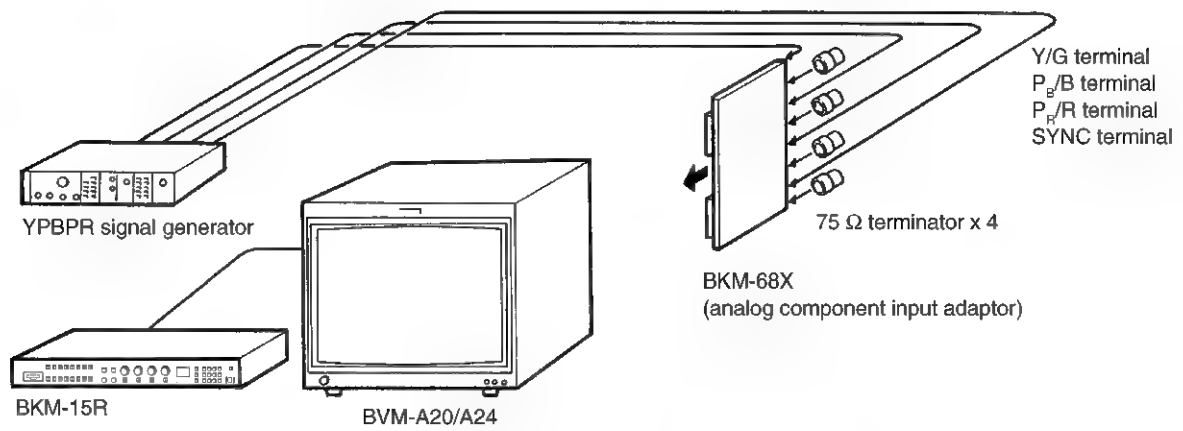
Unless specified otherwise, set the INPUT CONFIGURATION menu of the SETUP menu as follows.

FORMAT ..... COMPONENT  
 SLOT No. .... (Anywhere is OK)  
 SCREEN ASPECT .....  
 SCAN SIZE ..... NORMAL  
 SYNC MODE ..... INT  
 COLOR TEMP ..... As desired  
 PICTURE PRESET ..... PRESET 1  
 APERTURE ..... OFF  
 H PHASE ..... 000

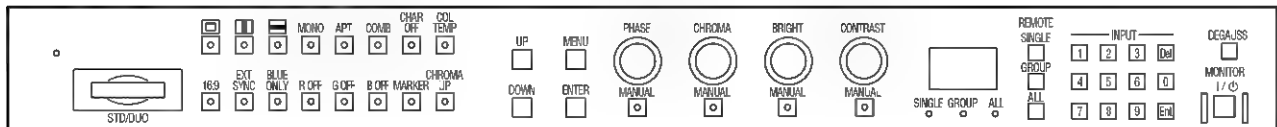
BVM Option connector side      CA-100 RS-232C connector side



## • Connection Diagram



## BKM-15R Control Panel



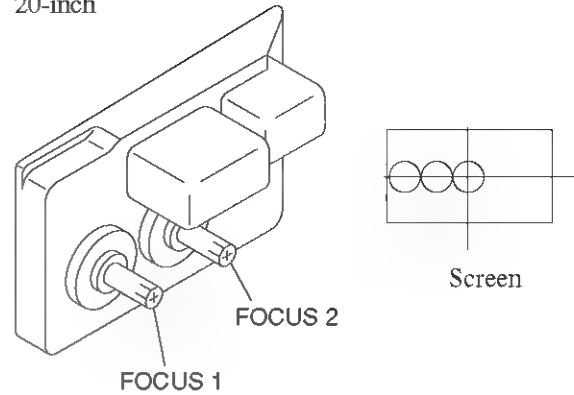


### [Focus Adjustment]

1. Input the MODE9 480/60p (525p) cross-hatch signal to the BKM-68X (analog component input adaptor). (20-inch)  
Input the MODE1 1080/60i cross-hatch signal. (24-inch)
2. Press the 16 : 9 button to set 4 : 3 mode (20-inch)/16 : 9 mode (24-inch).
3. Adjust the focus at the center of the screen to be optimal using focus 1/F2 (vertical focus adjustment) and focus 2/F1 (horizontal focus adjustment) shown in Fig. 1 while balancing the three points at the left.
4. While the best focus is maintained by Focus 2 (focus tracking), the horizontal resolution better than the specifications must be visually recognized.  
20-inch : 900 TV lines or more  
24-inch : 1000 TV lines or more
5. Input the cross-hatch signal or monoscope signal for each mode in the table, and check the H/V corner focus. If the focus is off, adjust the following items located in SYSTEM CONFIGURATION menu → MAINTENANCE menu → DEFLECTION menu (5/5).  
DF\_SIDE  
DF\_SIDE\_PHASE  
DF\_TOP  
DF\_BOTTOM
6. Adjust the DF data in the same way in the following modes.

|         |                  |      |             |
|---------|------------------|------|-------------|
| MODE 1  | 1080/60i (33kHz) | 16:9 | NORMAL SCAN |
| MODE 2  |                  | 16:9 | UNDER SCAN  |
| MODE 3  | 1035/60i (33kHz) | 16:9 | NORMAL SCAN |
| MODE 4  |                  | 16:9 | UNDER SCAN  |
| MODE 5  | 720/60P (45kHz)  | 16:9 | NORMAL SCAN |
| MODE 6  |                  | 16:9 | UNDER SCAN  |
| MODE 7  | 480/60P (31kHz)  | 16:9 | NORMAL SCAN |
| MODE 8  |                  | 16:9 | UNDER SCAN  |
| MODE 9  |                  | 4:3  | NORMAL SCAN |
| MODE 10 |                  | 4:3  | UNDER SCAN  |
| MODE 11 | 480/60i (15kHz)  | 16:9 | NORMAL SCAN |
| MODE 12 |                  | 16:9 | UNDER SCAN  |
| MODE 13 |                  | 4:3  | NORMAL SCAN |
| MODE 14 |                  | 4:3  | UNDER SCAN  |
| MODE 15 | 1080/48i (27kHz) | 16:9 | NORMAL SCAN |
| MODE 16 |                  | 16:9 | UNDER SCAN  |
| MODE 17 | 1080/50i (28kHz) | 16:9 | NORMAL SCAN |
| MODE 18 |                  | 16:9 | UNDER SCAN  |
| MODE 19 | 720/50P (37kHz)  | 16:9 | NORMAL SCAN |
| MODE 20 |                  | 16:9 | UNDER SCAN  |
| MODE 21 | 575/50P (31kHz)  | 16:9 | NORMAL SCAN |
| MODE 22 |                  | 16:9 | UNDER SCAN  |
| MODE 23 |                  | 4:3  | NORMAL SCAN |
| MODE 24 |                  | 4:3  | UNDER SCAN  |
| MODE 25 | 575/50i (15kHz)  | 16:9 | NORMAL SCAN |
| MODE 26 |                  | 16:9 | UNDER SCAN  |
| MODE 27 |                  | 4:3  | NORMAL SCAN |
| MODE 28 |                  | 4:3  | UNDER SCAN  |

20-inch



24-inch

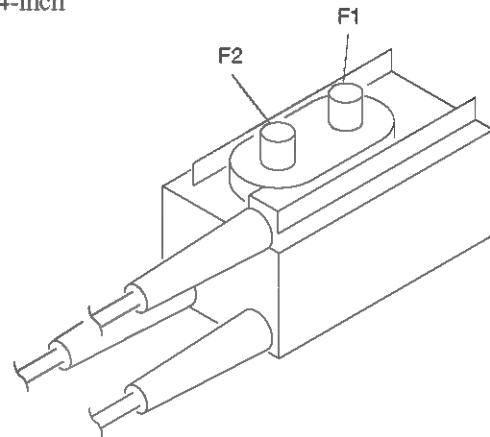


Fig. 1-1

## [Landing Adjustment]

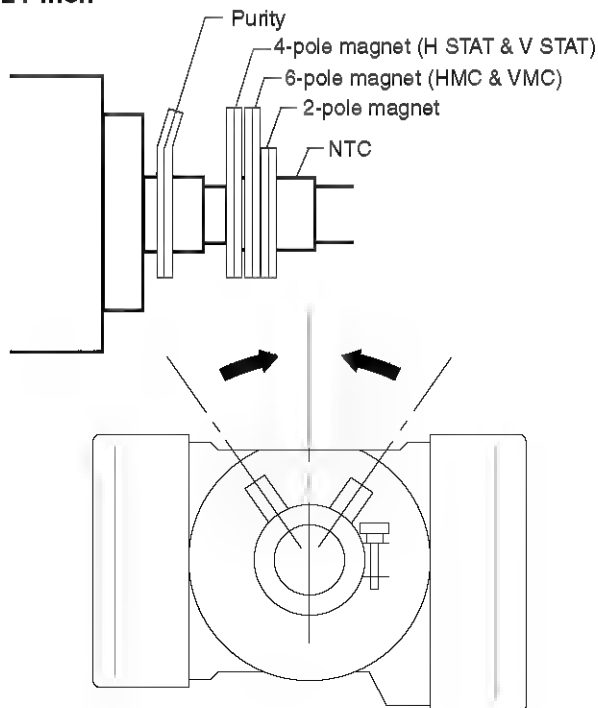
### Note

Configure the following settings before adjusting the DY position:

ROTATION ..... 128  
 LANDING ..... 128 (20-inch)  
 LCC SW ..... OFF (0) (24-inch)  
 ROTATION, LANDING, and LCC SW are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (5/5).

1. Input the MODE9 480/60p (525p) all white signal to the BKM-68X (analog component input adaptor). (20-inch)  
 Input the MODE1 1080/60i all white signal. (24-inch)
2. Press the BRIGHT button and CONTRAST button to set both into the PRESET state. [ The LED (green) on the button goes off.  
 Press the 16 : 9 button to set 4 : 3 mode (20-inch)/16 : 9 mode (24-inch).
3. Allow the aging of 30 to 60 minutes with luminance of 100 cd/m<sup>2</sup>.
4. Confirm that ROTATION remains in the center value 128 using the ALIGNMENT menu of the INSTALLATION SETTINGS menu.
5. Direct the CRT screen in the direction of east (or west). Press the DEGAUSS button.
6. Set the Purity knob in its mechanical center.

### 24-inch



### 20-inch

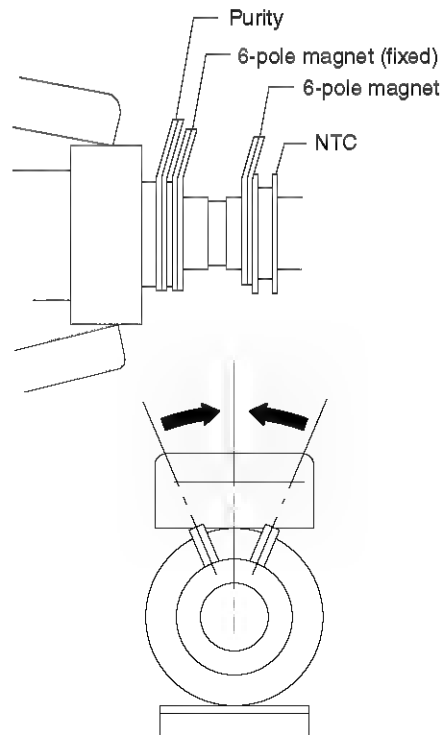


Fig. 1-2

7. Push the DY to the front as much as possible.
8. Fix the neck assembly at the position shown in Fig. 1-3.

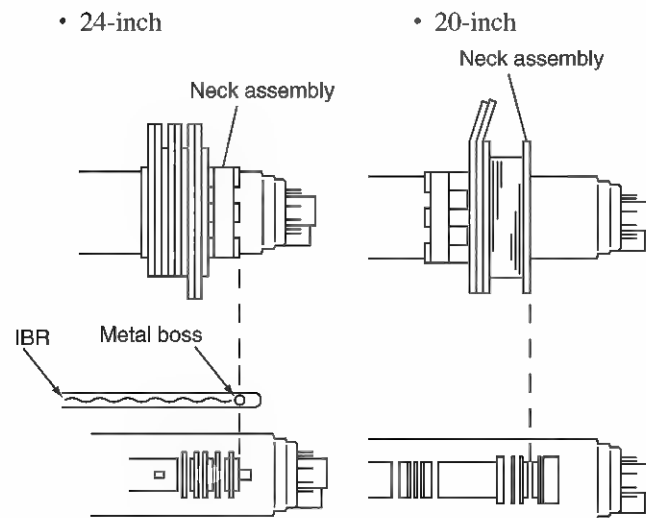


Fig. 1-3

9. Adjust the screen to green color only. Turn on the R OFF button and the B OFF button. (LED lights up).
10. Adjust the Purity knob so that green comes to the center of screen as shown in Fig. 1-4.

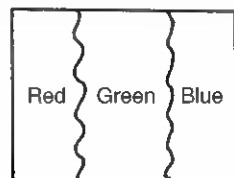
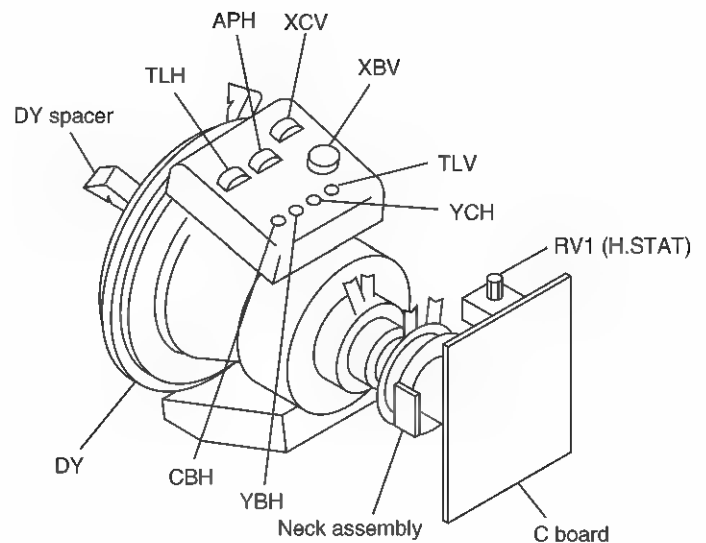


Fig. 1-4

11. Move the DY back until the whole screen becomes green only.
12. Adjust the DY tilt using the cross-hatch signal, and tighten the DY tightening screw.
13. Adjust the up/down DY twist adjustment in vertical direction while observing the vertical pin cushion signal.
14. Adjust the DY neck twist adjustment in horizontal direction while observing the horizontal trapezoidal signal.  
(The adjustment sensitivity for the horizontal trapezoidal signal is very poor. Be careful not to adjust the DY inclination too excessively so as to adversely affect the convergence.)
15. Fix the deflection yoke using the four DY spacers.  
(Confirm DY inclination and the DY position in the front and rear directions.)

## 20-inch



## 24-inch

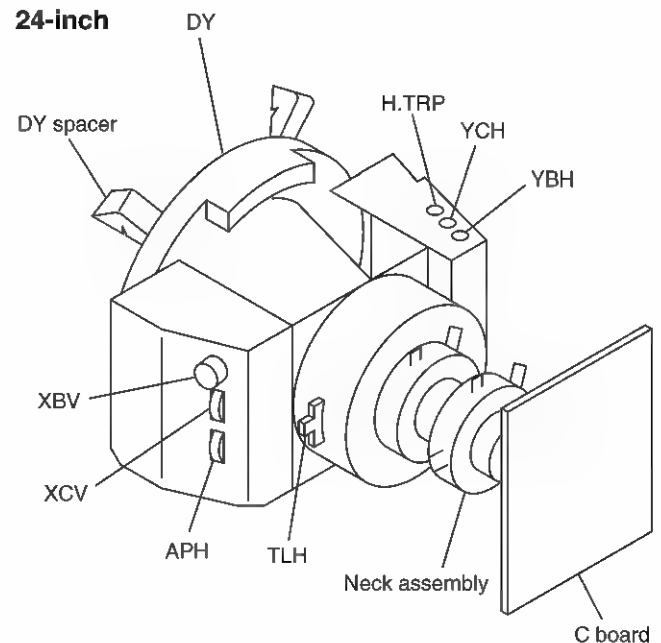


Fig. 1-5

- Final check

After the adjustment is complete, confirm that the landing error does not occur even the BVM monitor is directed in all directions of east, west, north and south. Return the LCC to the ON position.

16. LCC adjustment (24-inch only)

- (1) Check in which direction the CRT screen is directed.  
Adjust the direction using "DIRECTION".
- (2) Adjust the landing at all four corners with LCC.  
(LANDING ADJUST)
- (3) When you switch the signal to RGB, if the corner chromatic purity is low with a single or double colors, move "TOP LEFT", "TOP RIGHT", "BOTTOM LEFT" or "BOTTOM RIGHT" to adjust the corner landing.

When the adjustment is complete, save the adjustment data and fix the purity magnet with white paint.

The item above is located in the level under the INSTALLATION SETTINGS menu → the LANDING ADJUST menu → the MANUAL ADJUST menu.

**Note**

Use the Auto Setup Probe (BKM-14L) as much as possible and perform the automatic adjustment.

## [H Blanking Adjustment] (UNDER SCAN)

### Note

The following adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (2/5).

H BLK LEFT  
H BLK RIGHT  
H CENTER  
H PHASE  
H SIZE SW  
H SIZE

- 1080/60i (33 kHz) 16:9 UNDER SCAN mode H blanking adjustment
- 1. Press the UNDER SCAN button on the front side of the BKM-15R to set 16:9 UNDER SCAN.
- 2. Input the MODE1 1080/60i (1125) cross-hatch signal.
- 3. Adjust the H. BLK. LEFT data and the H. BLK. RIGHT data to the minimum (0).
- 4. Adjust the BRIGHT of BKM-15R to the maximum.
- 5. Turn the H SIZE SW in the menu to ON. Adjust H SIZE so that the right and left sides of the raster can be completely displayed. (Adjust A and A' in Fig. 1-6 to about 10 mm.)
- 6. Adjust the H. CENTER data so that the raster area comes to the center of the effective screen (so that A and A' are almost equal). (Fig.1-6)  
When this adjustment is complete, take note of the H. CENTER adjustment data.
- 7. Adjust the H. PHASE data so that the signal area comes to the center of the raster area (so that B and B' are almost equal). (Fig.1-6)  
When this adjustment is complete, take note of the H. PHASE data.
- 8. Adjust the H BLK LEFT data so that the left edge of the raster area comes 2.5 mm (20-inch) or 3 mm (24-inch) outside from the left edge of the crosshatch signal area (Fig. 1-7).  
When this adjustment is complete, take note of the H. BLK. LEFT adjustment data.
- 9. Adjust the H BLK RIGHT data so that the right edge of the raster area comes 2.5 mm (20-inch) or 3 mm (24-inch) outside from the right edge of the crosshatch signal area (Fig. 1-7).  
When this adjustment is complete, take note of the H. BLK. RIGHT adjustment data.
- 10. Set the H SIZE SW in the menu to OFF, and return the H SIZE to the original value.
- 11. Check the center of the image (image phase). If it is misaligned, repeat steps 5 to 10.
- 12. Set BRIGHT to the normal position.
- 13. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT  
Copy the above-described data to the following modes.

|       |                  |      |            |
|-------|------------------|------|------------|
| MODE4 | 1035/60i (33kHz) | 16:9 | UNDER SCAN |
|-------|------------------|------|------------|

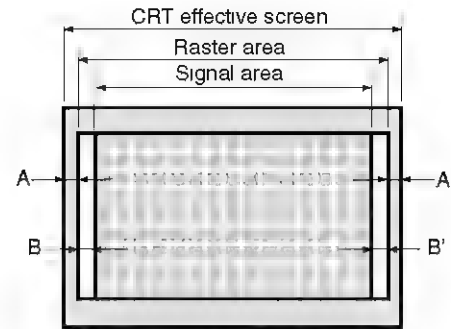


Fig. 1-6

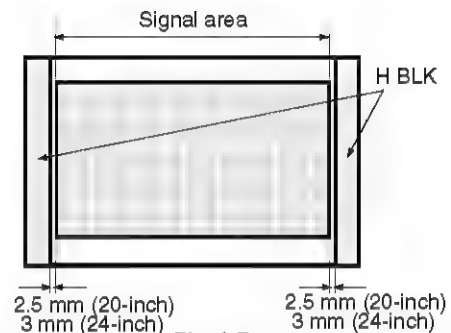


Fig. 1-7

- 720/60p (45 kHz) 16:9 UNDER SCAN mode H blanking adjustment
- 1. Press the UNDER SCAN button on the front side of the BKM-15R to set 16:9 UNDER SCAN.
- 2. Connect the MODE5 720/60P cross-hatch signal to the input.
- 3. Adjust the H. BLK. LEFT data and the H. BLK. RIGHT data to the minimum (0).
- 4. Adjust the BRIGHT of BKM-15R to the maximum.
- 5. Turn the H SIZE SW in the menu to ON. Adjust H SIZE so that the right and left sides of the raster can be completely displayed.
- 6. Adjust the H. PHASE data so that the signal area comes to the center of the effective screen (so that B and B' are almost equal). (Fig.1-6)  
When this adjustment is complete, take note of the H. PHASE data.
- 7. Adjust the H BLK LEFT data so that the left edge of the raster area comes 6 mm (20-inch) or 7 mm (24-inch) outside from the left edge of the crosshatch signal area (Fig. 1-7).  
When this adjustment is complete, take note of the H. BLK. LEFT adjustment data.
- 8. Adjust the H BLK RIGHT data so that the right edge of the raster area comes 6 mm (20-inch) or 7 mm (24-inch) outside from the right edge of the crosshatch signal area (Fig. 1-7).  
When this adjustment is complete, take note of the H. BLK. RIGHT adjustment data.
- 9. Set the H SIZE SW in the menu to OFF, and return the H SIZE to the original value.
- 10. Check the center of the image (image phase). If it is misaligned, repeat steps 5 to 9.
- 11. Set BRIGHT to the normal position.

- 480/60p (31 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |     |            |
|--------|-----------------|-----|------------|
| MODE10 | 480/60p (31kHz) | 4:3 | UNDER SCAN |
|--------|-----------------|-----|------------|

- 480/60i (15 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |     |            |
|--------|-----------------|-----|------------|
| MODE14 | 480/60i (15kHz) | 4:3 | UNDER SCAN |
|--------|-----------------|-----|------------|

- 576/50p (31 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |     |            |
|--------|-----------------|-----|------------|
| MODE24 | 576/50p (31kHz) | 4:3 | UNDER SCAN |
|--------|-----------------|-----|------------|

- 575/50i (15 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |     |            |
|--------|-----------------|-----|------------|
| MODE28 | 575/50i (15kHz) | 4:3 | UNDER SCAN |
|--------|-----------------|-----|------------|

- 720/60p (45 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 720/50p (37 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 1080/48i (27 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.

- 1080/50i (28 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.

## [H Blanking Adjustment] (NORMAL SCAN)

### Note

The following adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (2/5).

H BLK LEFT  
H BLK RIGHT  
H CENTER  
H PHASE  
H SIZE SW  
H SIZE

- 1080/60i (33 kHz) 16:9 NORMAL mode H blanking adjustment

1. Press the UNDER SCAN button on the front side of the BKM-15R to set 16:9 NORMAL SCAN.
2. Input the MODE1 1080/60i (1125) cross-hatch signal.
3. Adjust the H. BLK. LEFT data and the H. BLK. RIGHT data to the minimum (0).
4. Adjust the BRIGHT of BKM-15R to the maximum.
5. Turn the H SIZE SW in the menu to ON. Adjust H SIZE so that the right and left sides of the raster can be completely displayed. (Adjust A and A' in Fig. 1-6 to about 10 mm.)
6. Adjust the H. CENTER data so that the raster area comes to the center of the effective screen (so that A and A' are almost equal). (Fig. 1-6)  
When this adjustment is complete, take note of the H. CENTER adjustment data.
7. Adjust the H. PHASE data so that the signal area comes to the center of the raster area (so that B and B' are almost equal). (Fig. 1-6)  
When this adjustment is complete, take note of the H. PHASE data.
8. Set the H SIZE SW in the menu to OFF, and return the H SIZE to the original value.
9. Adjust the H BLK LEFT data so that the left edge of the raster area comes outside of the left edge of the cross-hatch signal area just before the effective screen. Write the data calculated by subtracting ten steps from that register to H BLK LEFT.
10. Adjust the H BLK RIGHT data so that the right edge of the raster area comes outside of the right edge of the cross-hatch signal area just before the effective screen. Write the data calculated by subtracting ten steps from that register to H BLK RIGHT.
11. Check the center of the image (image phase). If it is misaligned, repeat steps 5 to 10.
12. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT  
Copy the above-described data to the following modes.
13. Set BRIGHT to the normal position.

|       |                  |      |        |
|-------|------------------|------|--------|
| MODE3 | 1035/60i (33kHz) | 16:9 | NORMAL |
|-------|------------------|------|--------|

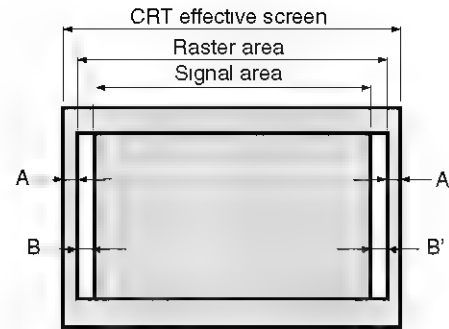


Fig. 1-6

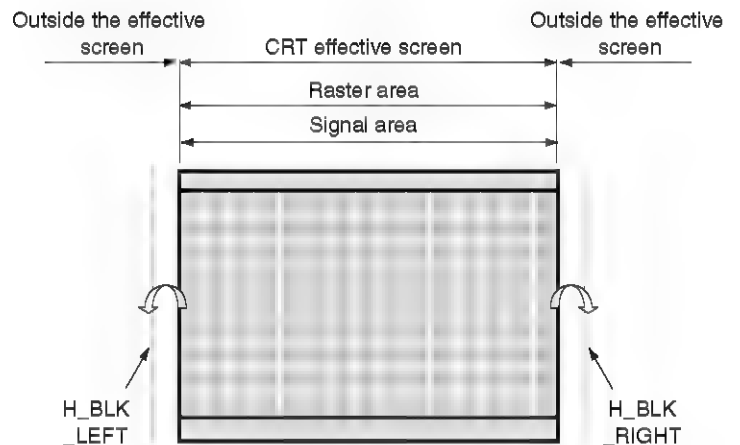


Fig. 1-7

- 480/60P (31 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |     |        |
|--------|-----------------|-----|--------|
| MODE10 | 480/60P (31kHz) | 4:3 | NORMAL |
|--------|-----------------|-----|--------|

- 480/60i (15 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |      |        |
|--------|-----------------|------|--------|
| MODE13 | 480/60i (15kHz) | 16:9 | NORMAL |
|--------|-----------------|------|--------|

- 576/50p (31 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |      |        |
|--------|-----------------|------|--------|
| MODE23 | 576/50p (31kHz) | 16:9 | NORMAL |
|--------|-----------------|------|--------|

- 575/50i (15kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER  
H PHASE  
H BLK LEFT  
H BLK RIGHT

Copy the above-described data to the following modes.

|        |                 |      |        |
|--------|-----------------|------|--------|
| MODE27 | 575/50i (15kHz) | 16:9 | NORMAL |
|--------|-----------------|------|--------|

- 720/60p (45 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 720/50p (37 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 1080/48i (27 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 1080/50i (28 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.



## [Linearity Adjustment]

### Note

The following adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (2/5) (3/5).

H SIZE  
H CENTER  
H PHASE  
V SIZE  
V CENTER  
H LIN BAL  
H LIN TOP  
H LIN BOTTOM  
V LIN AMP  
V LIN BAL  
H PIN  
H PIN BAL  
H KEY  
H KEY BAL  
H CORNER PIN  
H CORNER S

1. Input the MODE1 1080/60i (1125) cross-hatch signal.
2. Set SCREEN MODE to 16:9 NORM.
3. Confirm that there exists no DY inclination, no V PIN cushion distortion in the top and bottom and no horizontal trapezoidal distortions on screen.  
DY inclination : Adjust the DY inclination  
V PIN cushion distortion in the top and bottom : DY up/down neck twist  
Horizontal trapezoidal distortion : Adjust with H.TRP VR of DY. (24-inch)  
: Adjust with TLV VR of DY. (20-inch) (If they are adjusted extremely, the convergence can be adversely affected. In such a case, select the green single color for this adjustment.)
4. Input the MODE1 1080/60i (1125) monoscope signal.
5. Adjust the H CENTER data and adjust the horizontal center of the image.
6. Adjust the V CENTER data and adjust the vertical center of the image.
7. Input the MODE1 1080/60i (1125) cross-hatch signal.
8. Adjust the H SIZE, H LIN BAL, H LIN TOP, and H LIN BOTTOM data as shown in Fig. 1-8. (Set the same value for H LIN TOP and H LIN BOTTOM.)

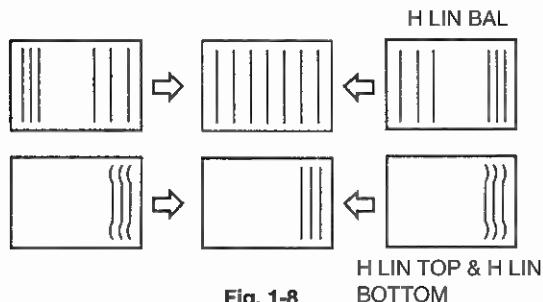


Fig. 1-8

9. Adjust the V SIZE, V LIN AMP, and V LIN BAL data as shown in Fig. 1-9.

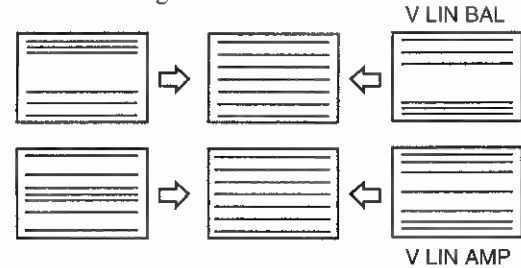


Fig. 1-9

10. Adjust the H PIN and H PIN BAL data so that the trapezoid distortion and PIN distortion at the side disappear as shown in Fig. 1-10.
11. Adjust the H KEY and H KEY BAL data as shown in Fig. 1-11.
12. Repeat the above adjustments and optimize the horizontal and vertical linearity.
13. Change the SCREEN MODE for the following modes as well, and perform adjustments in the same way.

|         |                  |      |             |
|---------|------------------|------|-------------|
| MODE 2  | 1080/60i (33kHz) | 16:9 | UNDER SCAN  |
| MODE 3  | 1035/60i (33kHz) | 16:9 | NORMAL SCAN |
| MODE 4  |                  | 16:9 | UNDER SCAN  |
| MODE 5  | 720/60P (45kHz)  | 16:9 | NORMAL SCAN |
| MODE 6  |                  | 16:9 | UNDER SCAN  |
| MODE 7  | 480/60P (31kHz)  | 16:9 | NORMAL SCAN |
| MODE 8  |                  | 16:9 | UNDER SCAN  |
| MODE 9  |                  | 4:3  | NORMAL SCAN |
| MODE 10 |                  | 4:3  | UNDER SCAN  |
| MODE 11 | 480/60i (15kHz)  | 16:9 | NORMAL SCAN |
| MODE 12 |                  | 16:9 | UNDER SCAN  |
| MODE 13 |                  | 4:3  | NORMAL SCAN |
| MODE 14 |                  | 4:3  | UNDER SCAN  |
| MODE 15 | 1080/48i (27kHz) | 16:9 | NORMAL SCAN |
| MODE 16 |                  | 16:9 | UNDER SCAN  |
| MODE 17 | 1080/50i (28kHz) | 16:9 | NORMAL SCAN |
| MODE 18 |                  | 16:9 | UNDER SCAN  |
| MODE 19 | 720/50P (37kHz)  | 16:9 | NORMAL SCAN |
| MODE 20 |                  | 16:9 | UNDER SCAN  |
| MODE 21 | 575/50P (31kHz)  | 16:9 | NORMAL SCAN |
| MODE 22 |                  | 16:9 | UNDER SCAN  |
| MODE 23 |                  | 4:3  | NORMAL SCAN |
| MODE 24 |                  | 4:3  | UNDER SCAN  |
| MODE 25 | 575/50i (15kHz)  | 16:9 | NORMAL SCAN |
| MODE 26 |                  | 16:9 | UNDER SCAN  |
| MODE 27 |                  | 4:3  | NORMAL SCAN |
| MODE 28 |                  | 4:3  | UNDER SCAN  |

#### • Common items for modes

DY inclination

Up/down V PIN distortion

Horizontal trapezoidal distortion

• Items differing between modes

H SIZE  
H CENTER  
H PHASE  
V SIZE  
V CENTER  
H LIN BAL  
H LIN TOP  
H LIN BOTTOM  
V LIN AMP  
V LIN BAL  
H PIN  
H PIN BAL  
H KEY  
H KEY BAL  
H CORNER S

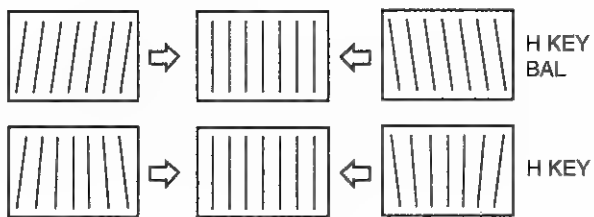


Fig. 1-10

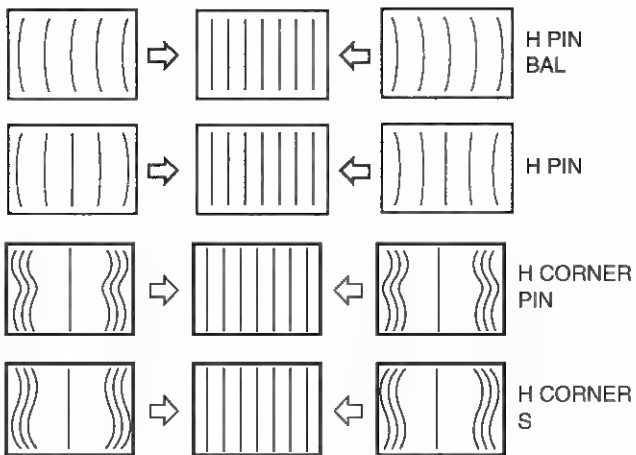


Fig. 1-11

## [Convergence Adjustment]

### • Preparation

1. Input the MODE9 480/60p (525p) cross-hatch signal to the BKM-68X (analog component input adaptor). (20-inch)  
Input the MODE1 1080/60i (1125) cross-hatch signal. (24-inch)
2. Press the 16:9 button of FUNCTION button with SHIFT button pushed to set 4 : 3 mode (20-inch) / 16 : 9 mode (24-inch).
3. Set the 6-pole magnet of the DY to the OFFSET state in the case of 20-inch monitor.  
In the case of the 24-inch monitor, set the 2-pole magnet of the neck assembly to the OFFSET state.

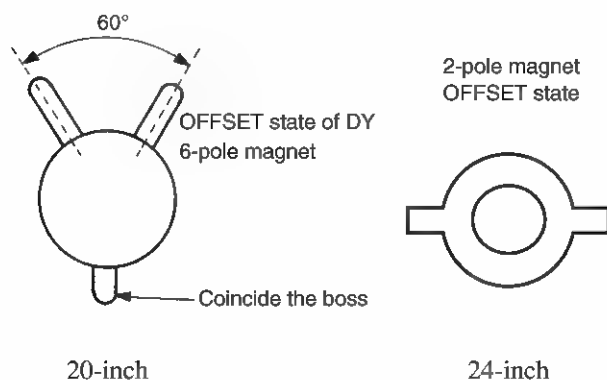


Fig. 1-12

4. Confirm that the following data is in the pre-set value (128).

V CONV TOP  
V STATIC CONV  
V CONV BOTTOM  
H STATIC CONV

### Note

These adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

### • HMC and VMC correction by the 6-pole magnet

1. HMC (horizontal mis-convergence) correction by the 6-pole magnet and electronic beam movement.

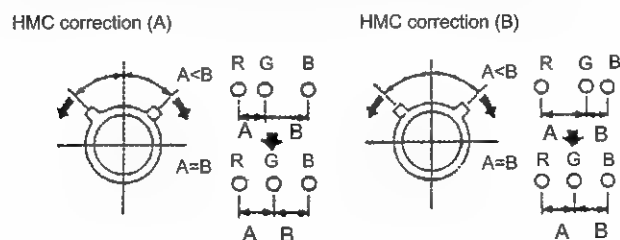


Fig. 1-13

2. Correction of 6-pole magnet VMC (vertical mis-convergence) and of electronic beam movement.

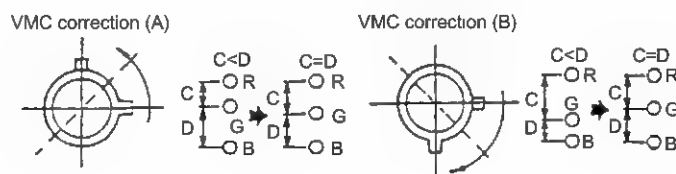
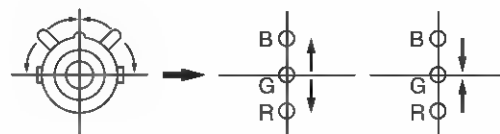


Fig. 1-14

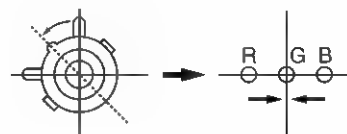
### • H.STAT and V.STAT adjustment method using 4-pole magnet (24-inch)

1. Movement of red, green and blue dots when vertical static convergence magnets are opened, closed and slanted.

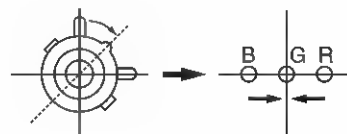
#### ① Open-close



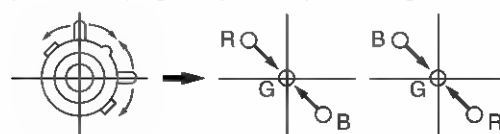
#### ② Counter-clockwise direction



#### ③ Clockwise direction



#### ④ Adjustment by opening/closing in slant position



### [Static Convergence Adjustment]

1. Using the 6-pole magnet of the neck assembly, adjust the red dots and the blue dots aligned horizontally and vertically at the center of the screen to be equal with reference to the green dot. (See Fig. 1-13 and 1-14.)
2. Using RV1 (H STAT) on the C board, adjust the red, blue and green dots aligned horizontally at the center of the screen to overlap. (20-inch)
  - Adjust the V STATIC CONV data so that the red, blue and green dots aligned vertically at the center of the screen to overlap. (20-inch)
  - Using the 4-pole magnet of the neck assembly, adjust the red, blue and green dots aligned horizontally and vertically at the center of the screen to overlap. (24-inch)

#### Note

The V STATIC CONV adjustment menu is located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

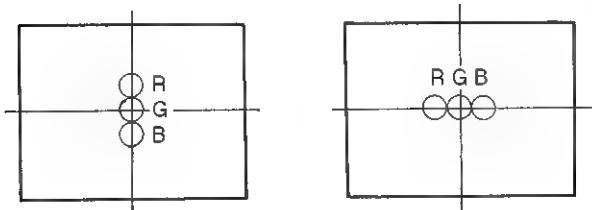


Fig. 1-15

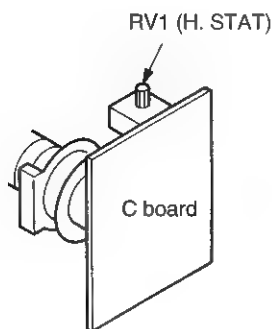


Fig. 1-16

## [20 inch Convergence Adjustment]

### • Preparation

1. Input the MODE9 480/60p (525p) cross-hatch signal to the BKM-68X (analog component input adaptor).
2. Press the 16 : 9 button of FUNCTION button with the SHIFT button pushed to set 4 : 3 mode.

### • Convergence adjustment

1. Minimize the vertical mis-convergence in the center at the left-most end and at the right-most end of screen using the DY correction reactors XBV and XCV.  
\* Because TLV is used for horizontal trapezoidal distortion adjustment, adjust the convergence while maintaining the correct adjustment of the horizontal trapezoidal distortion correction only when MSV is extremely poor.
2. Minimize the horizontal mis-convergence in the top and the bottom of screen using the DY correction reactors YBH and YCH.
3. Minimize the mis-convergence at the left-most end and at the right-most end of screen using the DY correction reactors APH, TLH and CBH.
4. Adjust the following data so that the vertical mis-convergence becomes minimum at the top and bottom parts of the screen. (Keep the H STAT data to be 128.)  
V CONV TOP  
V STATIC CONV  
V CONV BOTTOM

### Note

These adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

5. Copy the respective adjustment data into all modes. Then confirm the vertical and horizontal convergence again. If any mis-convergence is noticed, adjust the convergence again.

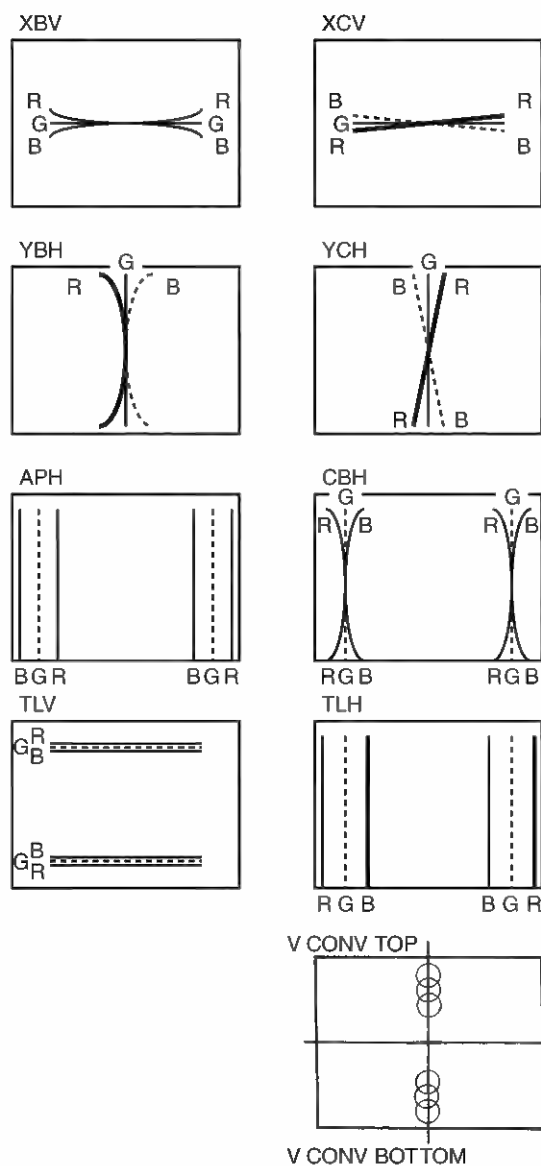


Fig. 1-17

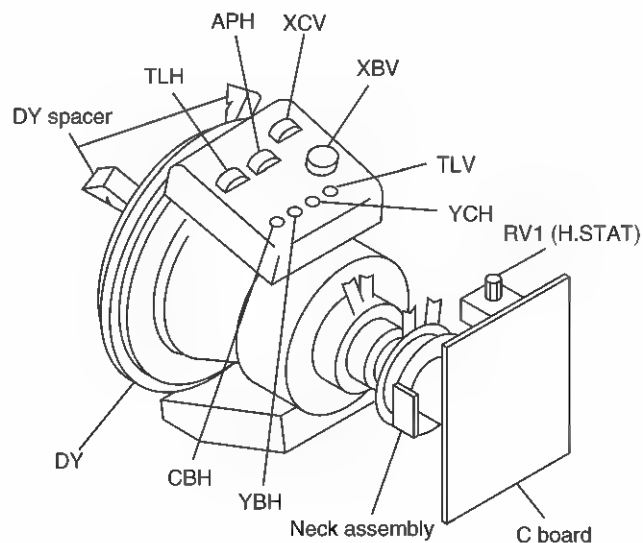


Fig. 1-18

## [24 inch Convergence Adjustment]

### • Preparation

1. Input the MODE1 1080/60i (1125) cross-hatch signal to the BKM-68X (analog component input adaptor).
2. Press the 16 : 9 button of FUNCTION button with the SHIFT button pushed to set 16 : 9 mode.

### • Convergence adjustment

1. Minimize the vertical mis-convergence in the center at the left-most end and at the right-most end of screen using the DY correction reactors XBV and XCV.
2. Minimize the horizontal mis-convergence in the top and the bottom of screen using the DY correction reactors YCH and YBH.
3. Minimize the mis-convergence at the left-most end and at the right-most end of screen using the DY correction reactors APH and TLH.
4. Adjust the following data so that the vertical mis-convergence becomes minimum at the top and bottom parts of the screen. (Keep the V STAT and H STAT datum to be 128.)

V CONV TOP

V STATIC CONV

V CONV BOTTOM

#### Note

These adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

5. Copy the respective adjustment data into MODE1 through MODE12/MODE14. Then confirm the vertical and horizontal convergence again. If any mis-convergence is noticed, adjust the convergence again.

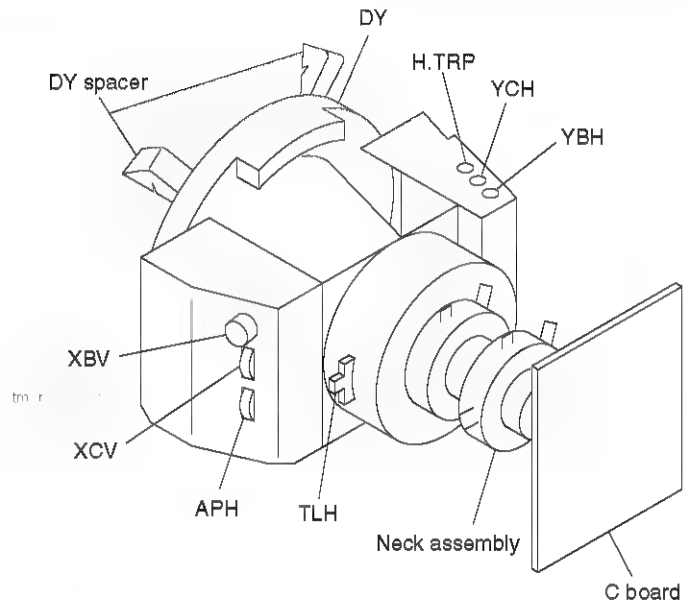


Fig. 1-20

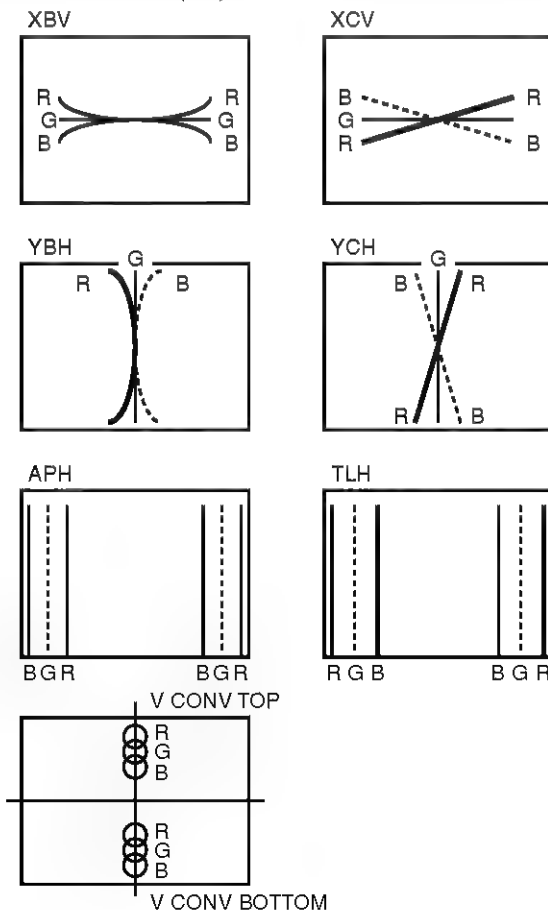


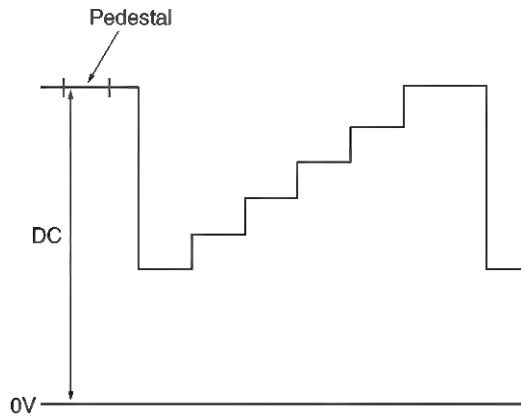
Fig. 1-19

## [G2 Adjustment]

### Note

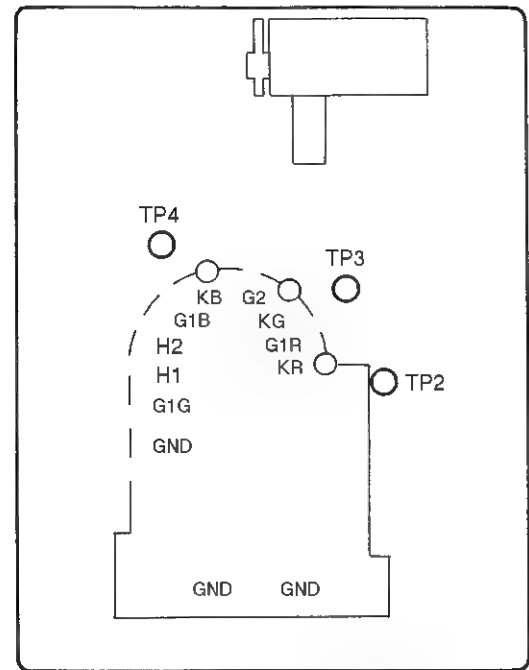
The G2 adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5).

1. Input the 1080/60i (1125) color bar signal to the BKM-68X (analog component input adaptor). (CHROMA: OFF state)
2. Connect the probe of the oscilloscope to each R, G, B cathode (TP2, 3, 4) of the C board, and check the DC voltages of the color bar signal pedestal portions. (20 V/Div)
3. Connect the probe of the oscilloscope to the cathode with the highest pedestal DC voltage.
4. Adjust the G2 data so that the DC voltage at the pedestal becomes the value as shown below.

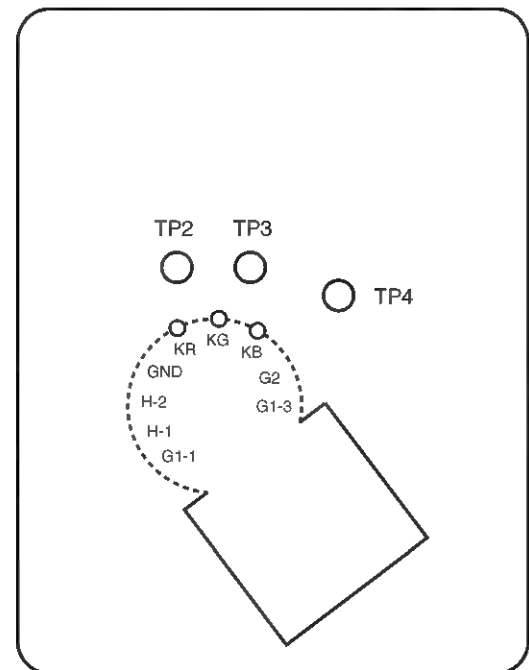


Specifications :  $100 \pm 2.5$  Vdc

Fig. 1-21



C board -B SIDE-  
(20-inch)



C board -B SIDE-  
(24-inch)

Fig. 1-22

## [White Balance Adjustment]

### Note

Perform the landing adjustment and the digital uniformity adjustment before the white balance adjustment as much as possible.

1. This section describes the overview of the adjustment and calibration of the color analyzer to be used for the adjustment.
- 1.1 Obtaining the Parameters for Converting the RGB Drive Voltage of the CRT to the Chromaticity Coordinate

This monitor comes equipped with a function to copy color temperature between several monitors. Since the CRT drive voltage depends on each individual CRT. The same color temperature cannot be obtained even if the same drive voltage is supplied to several monitors. Consequently, to copy a certain color temperature between several monitors, there is a need to transmit data which does not depend on the CRT using the xyY chromaticity coordinate. When the SYSTEM/COLOR TEMP/FACTORY ADJ menu of the MAINTENANCE menu is selected and executed, the D65 color temperature will automatically be adjusted, and at the same time, the parameters for converting the drive voltage and chromaticity coordinate will be created. Use these parameters when copying color temperature to other monitors and copying color temperature to the memory card.

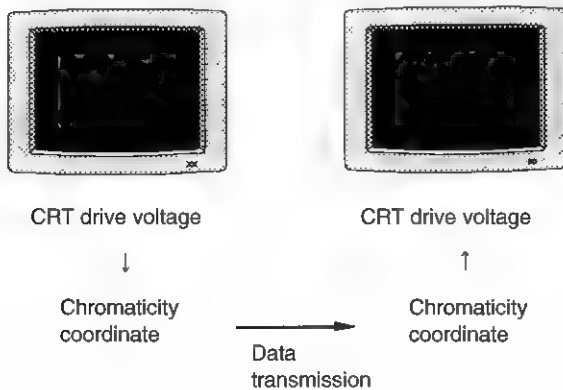


Fig. 1-23

## 2. Preparations for Adjustments

- 2.1 Input the HD signal (1125) into the Y/G input terminal of the BK board to display it on the screen.
- 2.2 Connect the RS-232C terminal of CA-100 and the OPTION terminal of the monitor using the cables indicated at Required Tools and Measuring Instruments (see page 2-1).
- 2.3 Set CA-100 as follows, and attach the measuring probe of CA-100 to the center of the CRT screen.
  - Display mode xyY mode
  - Baud Rate 9600

3. Receive the all white signal of MODE\_1 1080/60i NORMAL SCAN.
4. Select SYSTEM CONFIGURATION → MAINTENANCE → SYSTEM → COLOR TEMP → FACTORY ADJ, and attach the sensor of the color analyzer to the center of the CRT screen.
5. Press the ENTER button to start the white balance auto adjustment.

### Note

During adjustment, cover the CRT screen with a blackout cloth to shut out the external light.

#### W/B adjustment data

| D65 | x     | y     | Y [cd/m <sup>2</sup> ] |
|-----|-------|-------|------------------------|
| C/O | 0.313 | 0.329 | 2.7                    |
| H/L | 0.313 | 0.329 | 100.0                  |

| D93 | x     | y     | Y [cd/m <sup>2</sup> ] |
|-----|-------|-------|------------------------|
| C/O | 0.283 | 0.297 | 2.7                    |
| H/L | 0.283 | 0.297 | 100.0                  |

| D61 | x     | y     | Y [cd/m <sup>2</sup> ] |
|-----|-------|-------|------------------------|
| C/O | 0.320 | 0.336 | 2.7                    |
| H/L | 0.320 | 0.336 | 100.0                  |



## Section 3

### Safety Related Adjustments

#### High Voltage Regulator Check/Adjustment (☒ RV501)

Perform the following checks/adjustments when the following parts (☐ on the schematic diagram) have been replaced.

20-inch:

☐ PA board.. R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, IC501, IC502, RV501

☐ PC board.. T701

24-inch:

☐ PC board.. R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, RV501, IC501, IC502, T701

1. Turn off the power.
2. Connect the static voltmeter to the anode cap of the CRT.
  - Static voltmeter : Calibrated to an input impedance more  $2 \times 10^9 \Omega$ . (For example, Singer ESH-27X or ESH-23X)
3. Turn ON the power.  
(Input voltage value : 264 VAC)
4. Input the 1080/60i (1125) monoscope signal (fh=33.75 kHz) to the BKM-68X (analog component input adaptor).
5. Press the BRIGHT and CONTRAST buttons to set the PRESET state. [ The LED (green) on the button goes OFF.]
6. Check that the high voltage value is within the following range.  
27.00  $\pm$ 0.15 kV
7. If 6 is not satisfied, replace RV501 of the PA board (20-inch) /PC board (24-inch) to satisfy the specifications. Remove the static voltmeter.
9. If RV501 has been replaced at step 7, fix it with epoxy resin (DP-190 made by 3M) after adjusting the RV.

#### +B Check

Perform the following checks and adjustments when the following parts (☐ on the schematic diagram) have been replaced.

☐ G board .... IC604

1. Connect a digital voltmeter to TP1 of the G board.  
(GND is TP6 of the G board)
  - Use a digital voltmeter with more than 4 digits.
2. Turn ON the power. (Input voltage value : 264 VAC)
3. Confirm that the TP1 voltage value is as shown below.  
135.2  $\pm$ 0.8 VDC

#### High Voltage Hold-Down Check/Adjustment (☒ RV601)

Perform the following checks/adjustments when the following parts (☐ on the schematic diagram) have been replaced.

20-inch:

☐ PA board.. R652, R653, R654, R655, R656, D651, D652, D659, D660, Q651, Q652, RV601

☐ PC board .. R707, D702

24-inch:

☐ PC board .. R652, R653, R654, R655, R656, R707, D651, D652, D659, D660, D702, Q651, Q652, RV601

1. Turn OFF the power.
2. Connect the static voltmeter to the anode cap of the CRT.
  - Static voltmeter : Calibrated to an input impedance more  $2 \times 10^9 \Omega$ . (For example, Singer ESH-27X or ESH-23X)
3. Connect the 200-k  $\Omega$  variable resistor between TP501 and TP502 (GND) of the PA board (20-inch) /PC board (24-inch) . (Set the resistance of the 200-k  $\Omega$  resistor to the maximum value.)
4. Turn ON the power. (Input voltage value : 264 VAC)
5. Input the 1080/60i (1125) cross-hatch signal (fh=33.75 kHz) to the BKM-68X (analog component input adaptor) .
6. Press the BRIGHT button and the CONTRAST button. Adjust each value to minimum using BRIGHT/ CONTRAST. [ The LED (green) on the button goes ON.]  
Press the 16 : 9 button of the FUNCTION button to set 16 : 9 mode (24-inch) .
7. Decrease the resistance of the 200-k  $\Omega$  variable resistor connected to TP501, and check that the high voltage value drops suddenly at the following values.  
30.00  $\pm$ 0.50 kV
8. If 7 is not satisfied, replace RV601 of the PA board (20-inch) /PC board (24-inch) to satisfy the specifications.
9. Remove the 200-k  $\Omega$  variable resistor.
10. Check that the high voltage values satisfy the following values.  
27.00  $\pm$ 0.15 kV
11. Remove the static voltmeter.
12. If RV601 has been replaced at step 8, fix it with epoxy resin (DP-190 made by 3M) after adjusting the RV.

Perform the following checks when the following parts (■ on the schematic diagram) have been replaced.

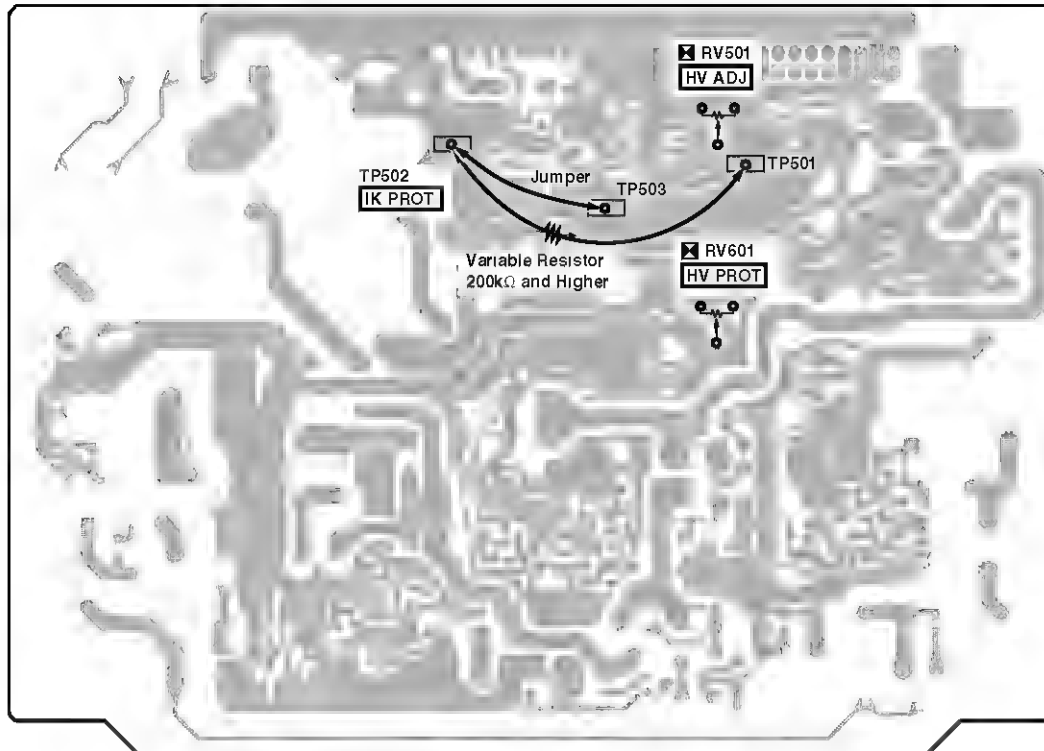
(20-inch) ..... R602, R603, R604, R605, R606, R607,  
IC601, Q601, Q602, D601, D608, D609

(20-inch)..... R701, R702, R703, R704, R705, R706  
(24-inch)..... R603, R604, R605, R606, R607, R701,  
R702, R703, R704, R705, R706, R782,  
IC601, Q601, Q602, D601, D608, D609

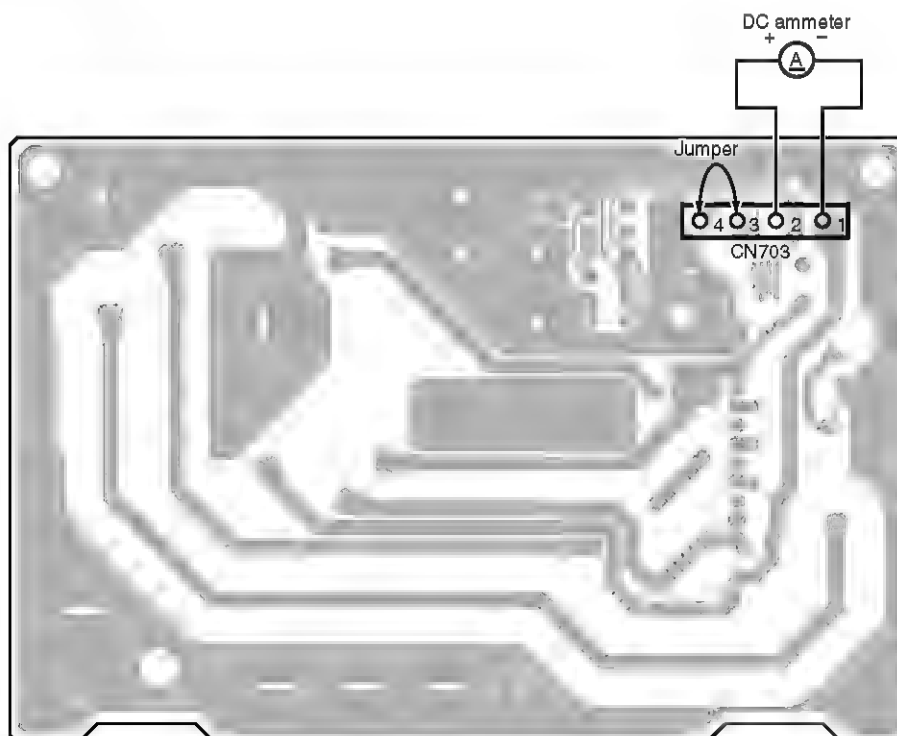
1. Turn OFF the power.
2. Disconnect the CN703 connector of the PC board.
3. Connect a DC ammeter between pins 1 and 2 of CN703 of the PC board.
4. Short-circuit between pins 3 and 4 of CN703 of the PC board using a jumper.
5. Short-circuit between TP503 and TP502 (GND) of the PA board (20-inch) /PC board (24-inch) using a jumper. (Disable ABL.)
6. Turn ON the power.
7. Input the 1080/60i (1125) 100% all white signal.
8. Press the BRIGHT and CONTRAST buttons to set the MANUAL state. [ The LED (green) on the button goes ON.]
9. Turn the BRIGHT and the CONTRAST starting from the MIN end toward the MAX end gently. When the DC ammeter reading reaches the following value, confirm that the protectors do not operate.  
20-inch : 1.5 mA  
24-inch : 1.35 mA
10. Turn the BRIGHT and the CONTRAST starting from the MIN end toward the MAX end gently. When the DC ammeter reading reaches the following value, confirm that the protectors operate [OVER LOAD LED on the front of monitor is gently flashed.].  
20-inch :  $1.85 \pm 0.30$  mA  
24-inch :  $1.60 \pm 0.25$  mA
11. Turn OFF the power.
12. Remove the jumper from between TP503 and TP502 (GND) of the PA board.
13. Turn ON the power again.

- 20-inch :  $1.30 \pm 0.2 \text{mA}$  (4:3)  
:  $1.00 \pm_{-0}^{+0.25} \text{mA}$  (16:9)  
24-inch :  $1.20 \pm_{-0}^{+0.15} \text{mA}$  (16:9)

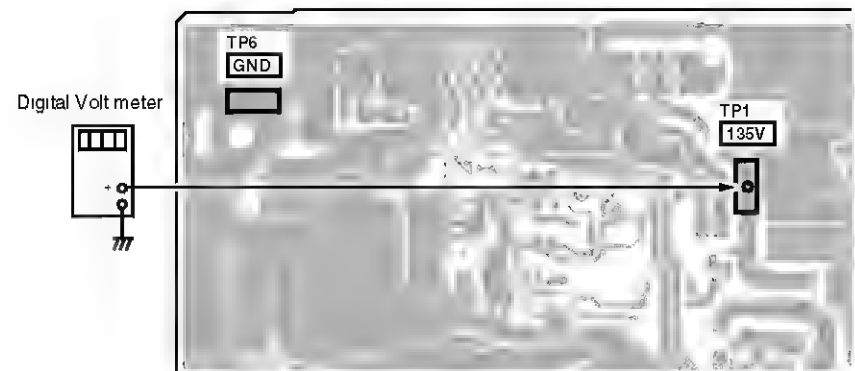
**PA BOARD (20-inch)**  
**-B SIDE-**



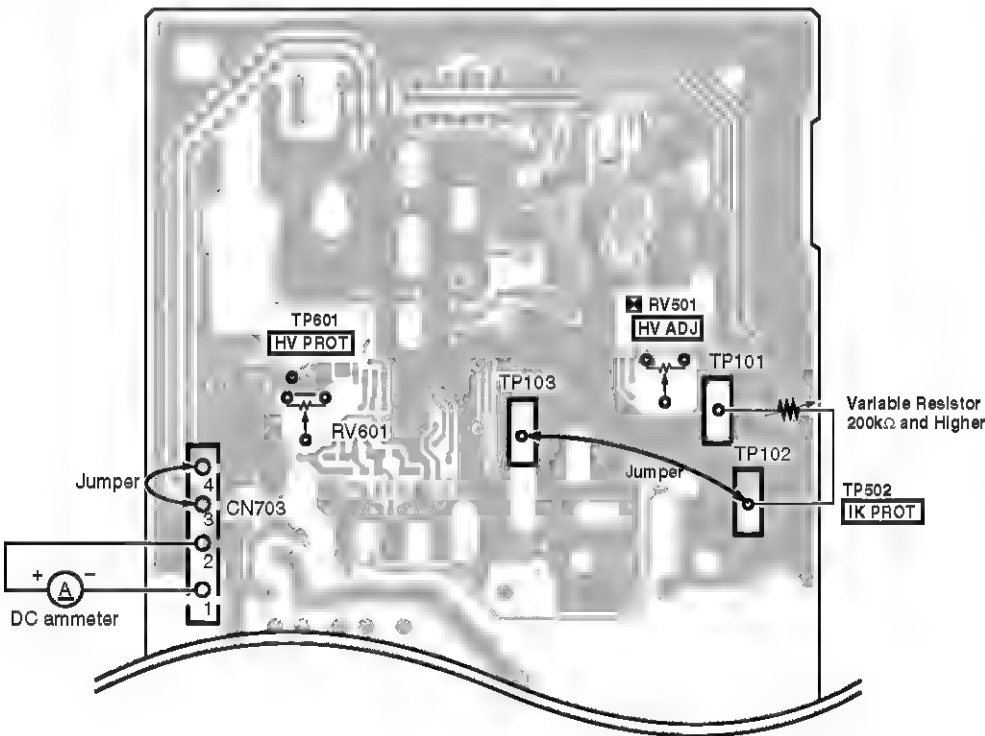
**PC BOARD (20-inch)**  
**-B SIDE-**



G BOARD (24-inch)  
-B SIDE-



PC BOARD (24-inch)  
-B SIDE-



## Section 4

### Circuit Adjustments

#### 4-1. BK Board Adjustments

This section describes the adjustments which are required when performing the maintenance and parts replacement of the BK board.

1. Bright center adjustment
2. 100 IRE adjustment
3. MATRIX adjustment (1)
4. MATRIX adjustment (2)
5. DRIVE Level adjustment
6. BIAS Level adjustment

#### Control Settings

- Set as follows at the INPUT CONFIGURATION menu of the SETUP menu.  
For the analog RGB signal:  
FORMAT .....RGB  
For the SDI signal:  
FORMAT .....HD-SDI/D1 AUTO
- Select and execute SLOT 5 VIDEO in the FILE MANAGEMENT menu > DATA MAINTENANCE > RE-LOAD FACTORY DATA.
- Configure the following settings in the SYSTEM CONFIGURATION menu > MAINTENANCE > VIDEO (2/5).  
CONTRAST ..... 256  
SUB CONTRAST ... 400  
BRIGHT ..... 256  
CHROMA ..... 256

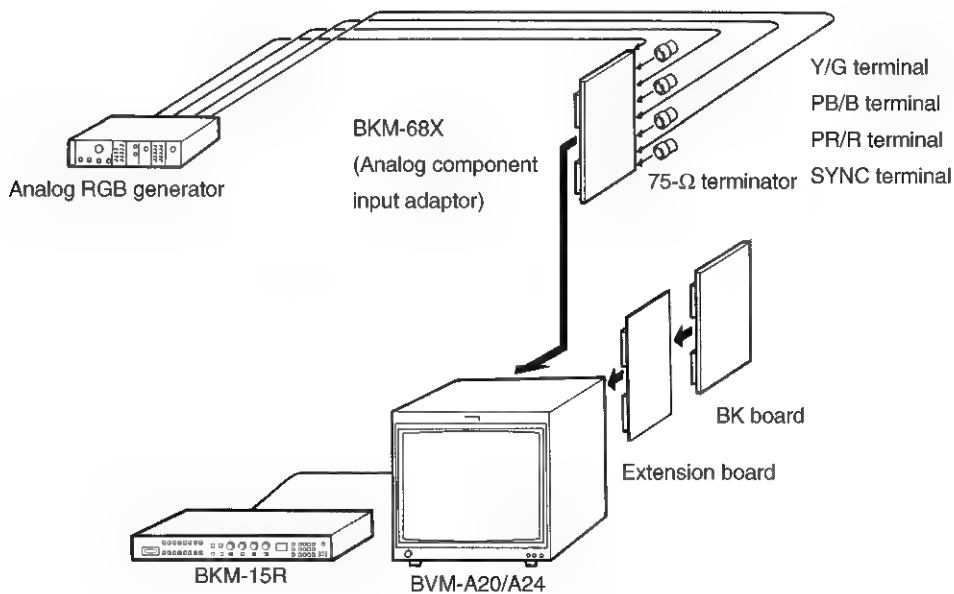
## Devices to be used

| Name                 | Main Specifications  | Equipment                       |
|----------------------|--|---------------------------------|
| Analog RGB generator | • 1080/60i (1125)  |                                 |
| SDI signal generator | • 1035/60i SMPTE 240M standard/1080/60i ITU-R BT.709/<br>480/60i ITU-R BT601 |                                 |
| BKM-68X              | Analog component input adaptor   |                                 |
| BKM-62HS             | HD SDI/SDI input adaptor   |                                 |
| Oscilloscope         | Frequency: DC to 150 MHz or more<br>2 phenomena or more (ADD mode)           | Tektronix 2465<br>or equivalent |

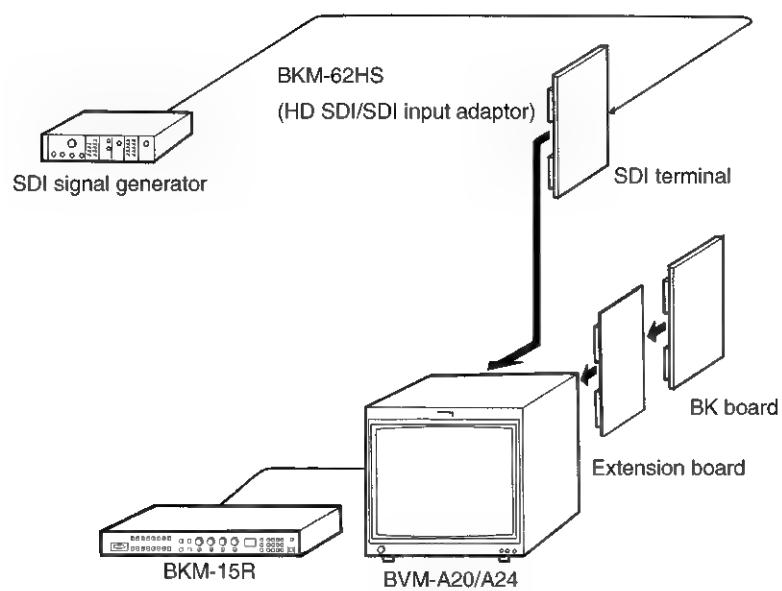
## Tools

| Name                   | Part No.     | Remark  |
|------------------------|--------------|---------|
| Extension board        | A-1091-210-A | Z board |
| 75-Ω terminator        | —            | × 4     |
| Adjustment screwdriver | —            |         |

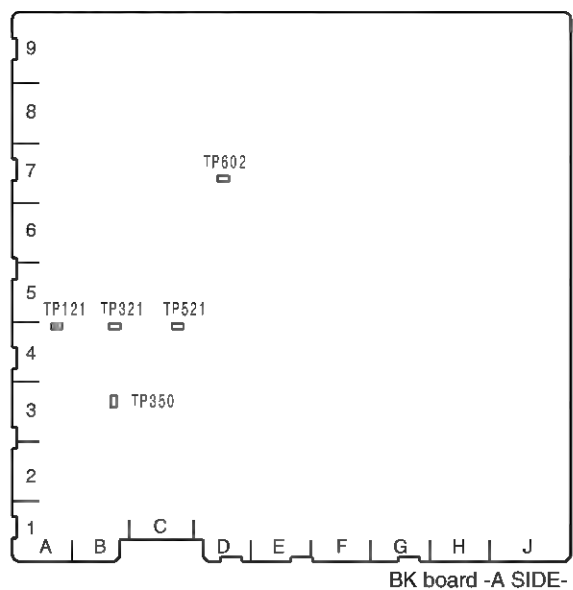
## Connection (1)



## Connection (2)

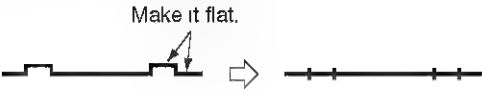


## Connection (3)

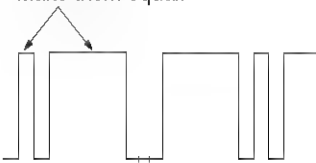
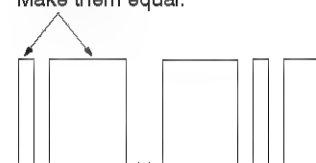
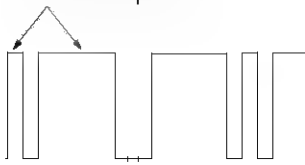


Procedure

1. Bright center adjustment

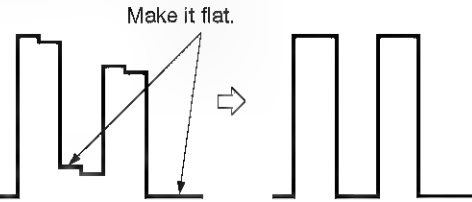
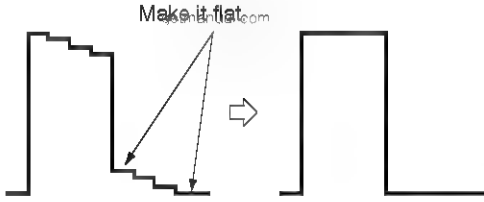
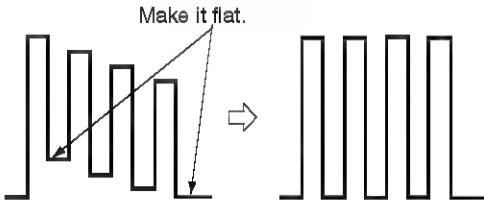
| Adjustment Operation   | Standard  | Adjusting Point   |
|--|---|---|
| <ul style="list-style-type: none"><li>Connect the oscilloscope to TP602.</li></ul> | <p>Make the TP602 waveform flat</p> <p>Level difference 0 ±4 mV</p> <p>Make it flat.</p>  | <p>The adjustment menu is BRIGHT CENTER in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5)</p> |

2. 100 IRE adjustment

| Adjustment Operation   | Standard  | Adjusting Point  |
|--|---|--|
| <p>Step 1</p> <ul style="list-style-type: none"><li>Input "093" with the numeric keypad on the controller, and input the built-in 100% FLAT FIELD signal.</li><li>Connect the oscilloscope to TP121.</li></ul> | <p>100% WHITE level and the 100 IRE pulse level output from TP121 are equal:</p> <p>Level difference: 0 ±4 mV</p> <p>Make them equal.</p>   | <p>The adjustment menu is R 100 IRE in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5)</p>  |
| <p>Step 2</p> <ul style="list-style-type: none"><li>Connect the oscilloscope to TP321.</li></ul>   | <p>100% WHITE level and the 100 IRE pulse level output from TP321 are equal:</p> <p>Level difference: 0 ±4 mV</p> <p>Make them equal.</p>  | <p>The adjustment menu is G 100 IRE in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5).</p> |
| <p>Step 3</p> <ul style="list-style-type: none"><li>Connect the oscilloscope to TP521.</li></ul>   | <p>100% WHITE level and the 100 IRE pulse level output from TP521 are equal:</p> <p>Level difference: 0 ±4 mV</p> <p>Make them equal.</p>  | <p>The adjustment menu is B 100 IRE in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5).</p> |

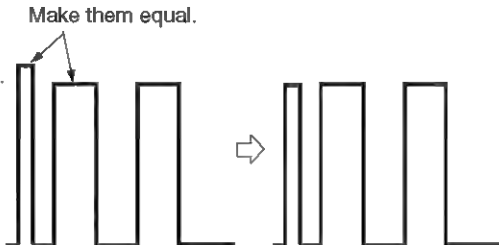
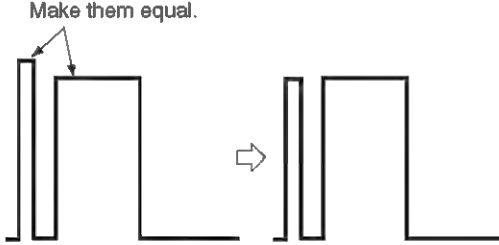
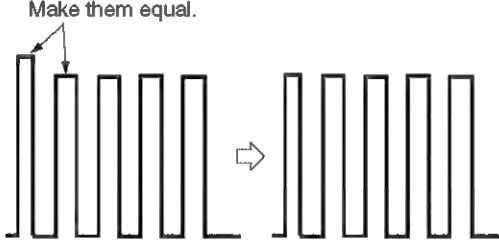


### 3. MATRIX adjustment (1)

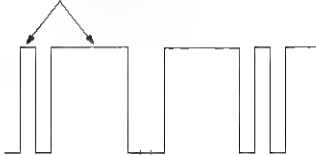
| Adjustment Operation   | Standard  | Adjusting Point  |
|--|---|--|
| <p>Step 1</p> <ul style="list-style-type: none"> <li>Input the SMPTE 240M (1035/60i) (8) color bar signal (saturation: 100%) to BKM-62HS (HD SDI/SDI input adaptor).</li> <li>Set MATRIX in the INPUT CONFIGURATION menu to SMPTE240M.</li> <li>Set Y G GAIN to "853".</li> <li>Connect the oscilloscope to TP121 (RED)</li> </ul> | <p>The output waveform of TP121 (RED) is flat:<br/>Level difference: <math>0 \pm 4</math> mV</p>      | <p>The adjustment menu is PR R GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5)</p>                  |
| <p>Step 2</p> <ul style="list-style-type: none"> <li>Connect the oscilloscope to TP321 (GREEN).</li> </ul>   | <p>The output waveform of TP321 (GREEN) is flat:<br/>Level difference: <math>0 \pm 10</math> mV</p>  | <p>The adjustment menus are G PR GAIN and G PB GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).</p> |
| <p>Step 3</p> <ul style="list-style-type: none"> <li>Connect the oscilloscope to TP521 (BLUE).</li> </ul>  | <p>The output waveform of TP521 (BLUE) is flat:<br/>Level difference: <math>0 \pm 10</math> mV</p>  | <p>The adjustment menu is PB B GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).</p>                 |

- Set MATRIX in the INPUT CONFIGURATION menu to ITU709. Change the input signal to ITU-R BT.709 (1080/60i) , and adjust steps 1 to 3.
- Set MATRIX in the INPUT CONFIGURATION menu to ITU601. Change the input signal to ITU-R BT601 (480/60i) , and adjust steps 1 to 3.

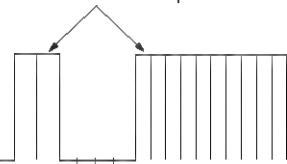
4. MATRIX adjustment (2)

| Adjustment Operation  | Standard   | Adjusting Point  |
|---|--|--|
| <p>Step 1</p> <ul style="list-style-type: none"><li>• Input the 1080/60i (8) color bar signal (saturation: 100%) to the BKM-68X (analog component input adaptor).</li><li>• Set FORMAT in the INPUT CONFIGURATION menu to RGB.</li><li>• Connect the oscilloscope to TP121 (RED).</li></ul> | <p>100% WHITE level and the 100 IRE pulse level output from TP121 (RED) are equal:<br/>Level difference: 0 ±4 mV</p> <p>Make them equal.</p>     | <p>The adjustment menu is PR R GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5)</p>  |
| <p>Step 2</p> <ul style="list-style-type: none"><li>• Connect the oscilloscope to TP321 (GREEN).</li></ul>  | <p>100% WHITE level and the 100 IRE pulse level output from TP321 (GREEN) are equal:<br/>Level difference: 0 ±4 mV</p> <p>Make them equal.</p>  | <p>The adjustment menu is Y G GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).</p>  |
| <p>Step 3</p> <ul style="list-style-type: none"><li>• Connect the oscilloscope to TP521 (BLUE).</li></ul>   | <p>100% WHITE level and the 100 IRE pulse level output from TP521 (BLUE) are equal:<br/>Level difference: 0 ±4 mV</p> <p>Make them equal.</p>  | <p>The adjustment menu is PB B GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).</p> |

5. DRIVE Level adjustment

| Adjustment Operation   | Standard  | Adjusting Point   |
|--|---|---|
| Step 1   |   |   |
| <ul style="list-style-type: none"><li>• Input "093" with the numeric keypad on the controller, and input the built-in 100% FLAT FIELD signal</li><li>• Connect the oscilloscope to TP350</li></ul> | 100% WHITE level and the 100 IRE pulse level output from TP350 are equal<br>Level difference: 0 ±4 mV<br><br>Make them equal<br> | The adjustment menu is DRIVE LEVEL in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5). |

6. BIAS Level adjustment

| Adjustment Operation  | Standard   | Adjusting Point  |
|---|--|--|
| <ul style="list-style-type: none"><li>• Input "092" with the numeric keypad on the controller, and input the built-in 20% FLAT FIELD signal.</li><li>• Connect the oscilloscope to TP350.</li></ul> | 100% WHITE level and the BIAS REF pulse output from TP350 are equal:<br>Level difference: 0 ±4 mV<br><br>Make them equal.<br> | The adjustment menu is BIAS LEVEL in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5). |

Note: Check the waveform by its V cycle.

7. Reference

For the following adjustments, refer to Section 2. Setup Adjustment.

G2 adjustment

White balance adjustment



## Section 5

### Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section.

However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.

In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled "Semiconductor Pin Assignments" (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.

The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.

Pin assignments and block diagrams are based on the IC manufacturer's data book.

本機に使用されている半導体型名の一覧を下記に示します。索引中、ページが記載されている半導体は、本章の該当ページを参照してください。ただし、互換性のない型名を併記している場合がありますので、部品を交換するときは、Spare Partsの章を参照してください。

また、ID番号が記載されている半導体は、別途発行の "Semiconductor Pin Assignments" CD-ROM版 (ソニー部品番号: 9-968-546-xx) を参照してください。

半導体型名またはID番号から検索ができます。

マニュアルまたはCD-ROMに掲載されている半導体は、それぞれの機能を等価的に表わしたものです。

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

| DIODE               | Page or ID No. | TRANSISTOR               | Page or ID No. |
|---------------------|----------------|--------------------------|----------------|
| 1SS119-25 .....     | DA001-01       | 2SA1162-G .....          | TC001-01       |
| 1SS119-25TD .....   | DA001-01       | 2SA1330-06 .....         | TC001-01       |
| 1SS133T-77 .....    | DA001-01       | 2SA1371 .....            | TR002-01       |
| 1SS302 .....        | DC001-01       | 2SA1576A-T106-QR .....   | TC001-01       |
| 1SS302-TE85L .....  | DC001-01       | 2SA1610-T1Y34 .....      | TC001-01       |
| 1SS357-TPH3 .....   | DC008-02       | 2SA1610-Y33 .....        | TC001-01       |
| 1SS376TE-17 .....   | DC008-02       | 2SB1121-ST .....         | TC002-01       |
| 1SS83 .....         | DA001-01       | 2SB1375 .....            | TM004-02       |
|                     |                | 2SC2784 .....            | TR011-02       |
| D1NL40-TR2 .....    | DA001-01       | 2SC2878A-TPE2 .....      | TR001-02       |
| ERA91-02 .....      | DA001-01       | 2SC3421-Y .....          | TM025-02       |
| MA111-(K8).S0 ..... | DC008-01       | 2SC3623A-LK .....        | TR011-02       |
| RB060L-40TE25 ..... | DC007-01       | 2SC3950-D .....          | TM007-01       |
| RD12SB-T1 .....     | DC008-04       | 2SC3955-DE .....         | TM007-01       |
| RD2.0SB-T1 .....    | DC008-04       | 2SC4081-R .....          | TC001-02       |
| RD27ES-B2 .....     | DA001-02       | 2SC4081T106R .....       | TC001-02       |
| RD27SB-T1 .....     | DC008-04       | 2SC4176-B34 .....        | TC001-02       |
| RD3.3SB .....       | DC008-04       | 2SC4176T1B33B34B35 ..... | TC001-02       |
| RD3.3SB-T1 .....    | DC008-04       | 2SC4686A(LBSONY) .....   | TM001-07       |
| RD3.9SB .....       | DC008-04       | 2SD1621-ST .....         | TC002-02       |
| RD30SB-T1 .....     | DC008-04       | 2SD1623-S .....          | TC002-02       |
| RD4 7SB-T2 .....    | DC008-04       | 2SD2012 .....            | TM001-02       |
| RD5 1SB-T2 .....    | DC008-04       | 2SK880GR-TE85L .....     | TC001-05       |
| RD5 6SB-T1 .....    | DC008-04       |                          |                |
| RD6 2SB .....       | DC008-04       | DTA114EUA-T106 .....     | TC001-04       |
| RD8 2SB-T1 .....    | DC008-04       | DTA123JUA-T106 .....     | TC001-04       |
|                     |                | DTA144EKA-T146 .....     | TC001-04       |
|                     |                | DTA144EUA-T106 .....     | TC001-04       |
|                     |                | DTC114GKAT146 .....      | TC001-03       |
|                     |                | DTC114YUA-T106 .....     | TC001-03       |
|                     |                | DTC123JUA-T106 .....     | TC001-03       |
|                     |                | DTC144EUA-T106 .....     | TC001-03       |
|                     |                |                          |                |
|                     |                | SPA20N60C3 .....         | TM001-09       |
| LED                 | Page or ID No. |                          |                |
| CL-191YG-CD-T ..... | LC004-01       |                          |                |

| IC                 | Page or ID No.   |                |             |
|--------------------|------------------|----------------|-------------|
| 93LC46BT-I SN      | BR93LC46F        | TD62381F       | TD62381P    |
|                    |                  | TD62783AF(S)   | TD62783AP   |
|                    |                  | TL082CPWR      | RC4558      |
| BA25BC0FP-E2       | BA18BC0FP-E2     | TL16C550CPT    | TL16C550CPT |
| BA25BC0FP-TE2      | BA18BC0FP-E2     | TLC2932IPWR    | TLC2932IPW  |
|                    |                  | TLC2933IPWR-12 | TLC2933IPWR |
|                    |                  | TPS5120DBTR    | TPS5120DBTR |
| CDCVF2505PWR       | CDCVF2505PWR     |                |             |
| CXA1875AM          | CXA1875AM_T4     | UPC1093J       | TL431CLP    |
| CXA1875AM-T4       | CXA1875AM_T4     | UPC2405AHF     | UPC2412HF   |
| CXD1171M           | CXD1171M         | UPC4558G2      | RC4558      |
| CXD2309AQ-T6       | CXD2309Q-T6      | UPC574J        | DR001-05    |
| EPC2LC20-TP        | EPC2LC20         |                |             |
| EPC2LC20N-TP       | EPC2LC20         |                |             |
| HD6417709SF133BV   | HD6417709SF133BV |                |             |
| LA6500-FA          | LA6500-FA        |                |             |
| LM2990SX-5.0       | UA7905UC         |                |             |
| LM2990T-5.0        | UA7905UC         |                |             |
| LM339NS            | LM339            |                |             |
| LM393PS            | UA393DC          |                |             |
| LM75CIMX-3         | LM75             |                |             |
| LM7815CT           | NJM78M05FA       |                |             |
| LM7912CT           | NJM79M05FA       |                |             |
| LMH6502MAX         | CLC520AJP        |                |             |
| LT1252CS8          | LT1252CS8        |                |             |
| LT1252CS8-E2       | LT1252CS8        |                |             |
| MAX3243CDBR        | MAX3243CDBR      |                |             |
| NJM082M            | RC4558           |                |             |
| NJM2904M           | RC4558           |                |             |
| NJM7812FA          | NJM78M05FA       |                |             |
| NJM78M09DL1A(TE1)  | NJM78M12DLA_TE1  |                |             |
| NJM78M12DL1A-TE1   | NJM78M12DLA_TE1  |                |             |
| NJM79L05A          | NJM79L03A        |                |             |
| NJM79M12DL1A-TE1   | NJM79M12DLA_TE1  |                |             |
| SN74AHCT04PWR      | TC74HC04P        |                |             |
| SN74LVC14APWR      | TC74HC14P        |                |             |
| SN74LVC541APWR     | SN74LS541N       |                |             |
| TC74HC4053AFT(EL)  | MC74HC4053F      |                |             |
| TC74HC4538AFT(EL)  | MC74HC4538N      |                |             |
| TC74HC4538AFT      | MC74HC4538N      |                |             |
| TC74VHC04FT(EL)    | TC74HC04P        |                |             |
| TC74VHC05FT(EL)    | SN74HC05N        |                |             |
| TC74VHC123AFT(EL)  | TC74HC123P       |                |             |
| TC74VHC14FT(EL)    | TC74HC14P        |                |             |
| TC74VHCT04AFT(EL)  | TC74HC04P        |                |             |
| TC74VHCT125AFT(EL) | MC74HC125N       |                |             |
| TC74VHCT32AFT      | TC74HC32P        |                |             |
| TC74VHCT541AFT(EL) | MC74HC541N       |                |             |
| TC7SZ05FU(TE85R)   | TC7SZ05FU TE85R  |                |             |
| TC7SZ125FU(TE85R)  | NC7SZ125P5       |                |             |
| TC7W53FU(TE12R)    | TC4W53FU         |                |             |
| TC7W53FU-TE12R     | TC4W53FU         |                |             |
| TC7WH14FK(TE85R)   | TC7W14FU         |                |             |

## Section 6

### Spare Parts

#### 6-1. Notes on Repair Parts

##### 1. Safety Related Components Warning

###### **WARNING**

Components marked  $\triangle$  are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

###### **WARNHINWEIS**

Les composants identifiés par la marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

##### 2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement. Parts List has the present standardized repair parts.

##### 3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed. Items with no part number and no description are not stocked because they are seldom required for routine service.

##### 4. Units for Capacitors, Inductors and Resistors

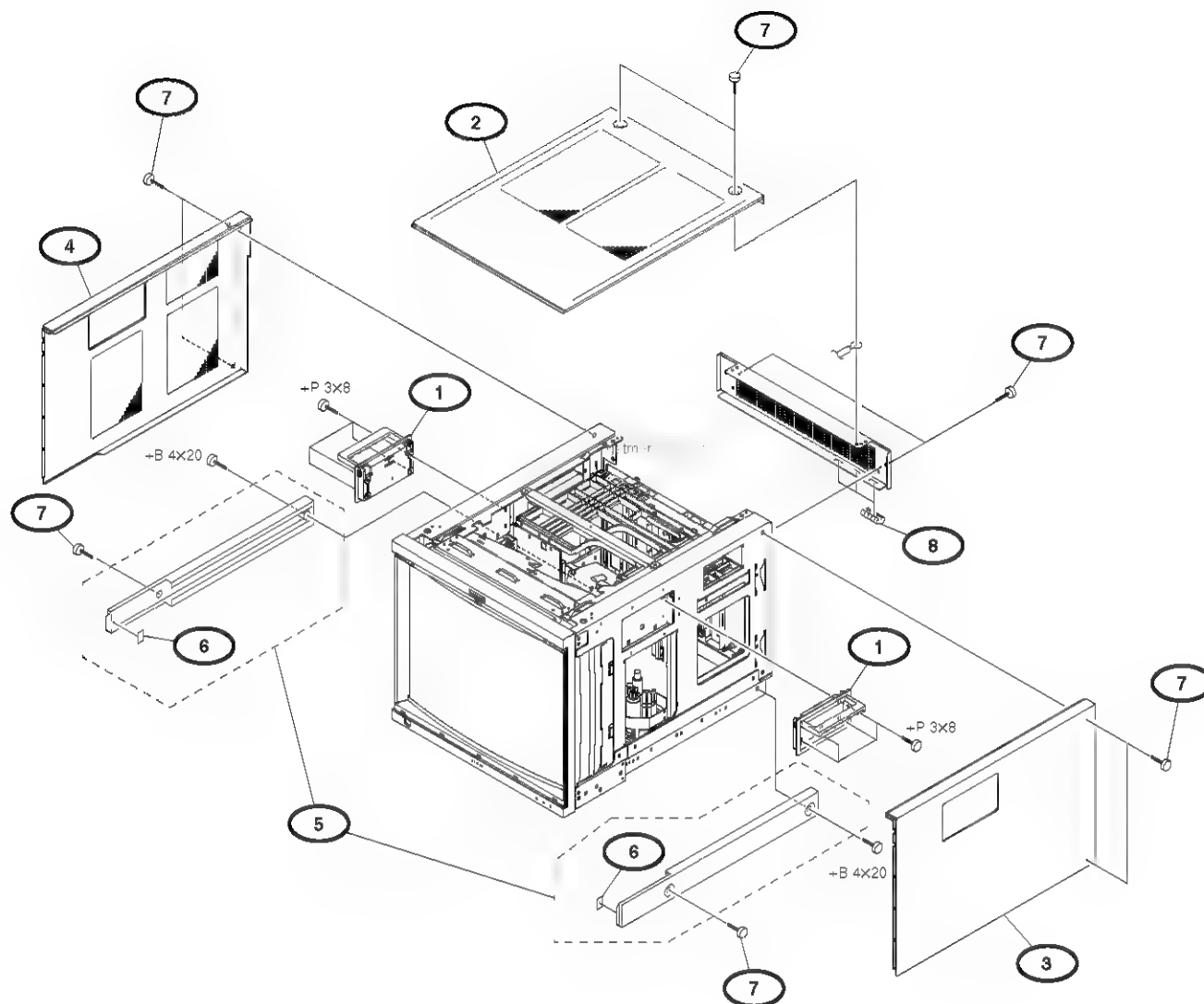
The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

|            |                 |
|------------|-----------------|
| Capacitors | : $\mu\text{F}$ |
| Inductors  | : $\mu\text{H}$ |
| Resistors  | : $\Omega$      |

##### 5. X-ray Radiation Safety Related Parts

The components marked  $\blacksquare$  in this Spare Parts List have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.

## 6-2. Exploded Views

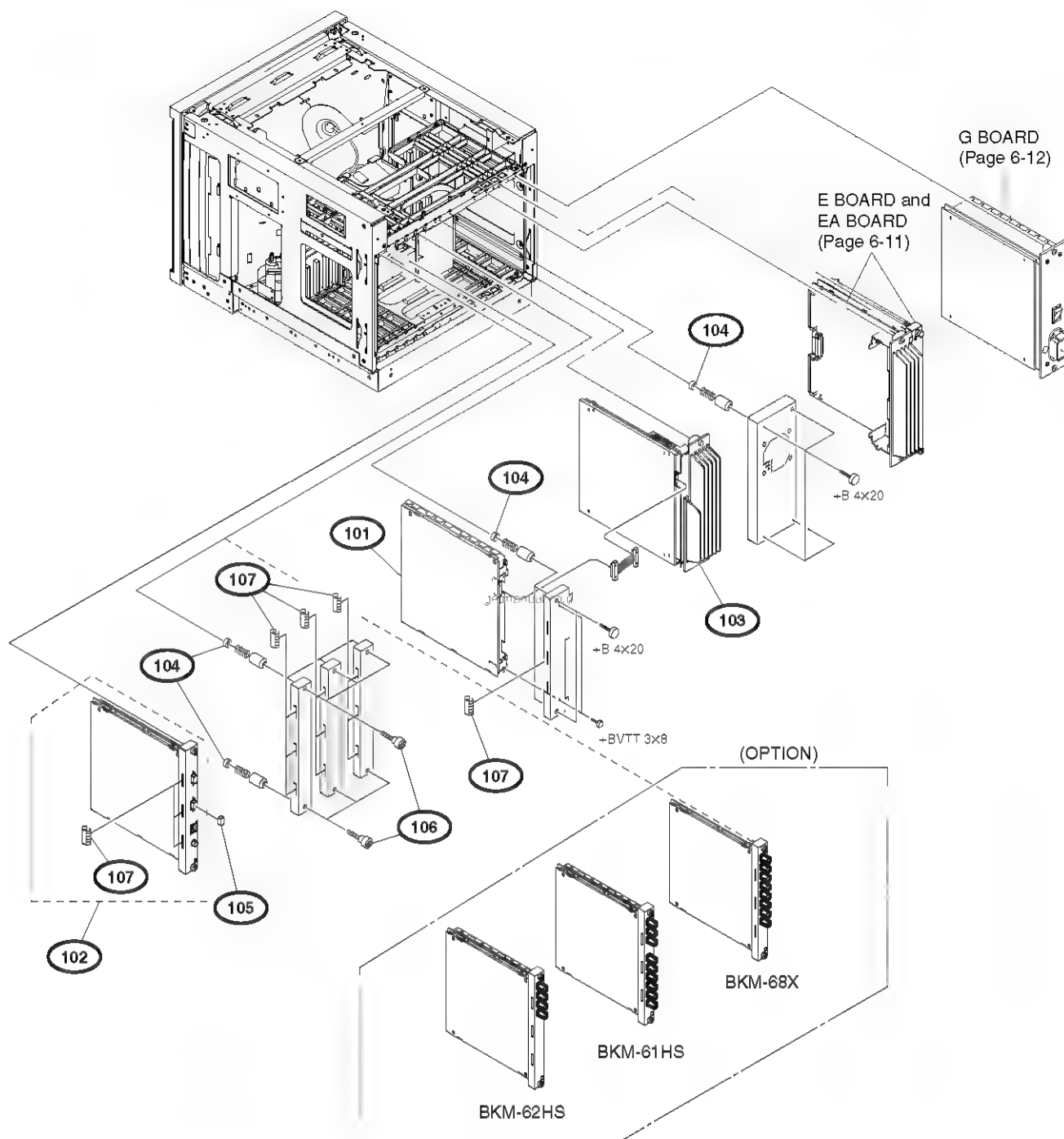


No. Part No. SP Description

- 1 △ X-3608-706-1 ≡ HANDLE ASSY
- 2 △ X-4033-308-3 ≡ CABINET ASSY, TOP
- 3 △ X-4033-309-3 ≡ CABINET ASSY, RIGHT
- 4 △ X-4033-310-3 ≡ CABINET ASSY, LEFT
- 5 △ X-4033-324-3 ○ BLIND COVER ASSY
- 6 3-342-839-02 ○ CUSHION, RUBBER 10
- 7 4-063-969-21 ≡ SCREW OS , CASE, CLAW
- 8 4-076-108-01 ○ FINGER, SHIELD

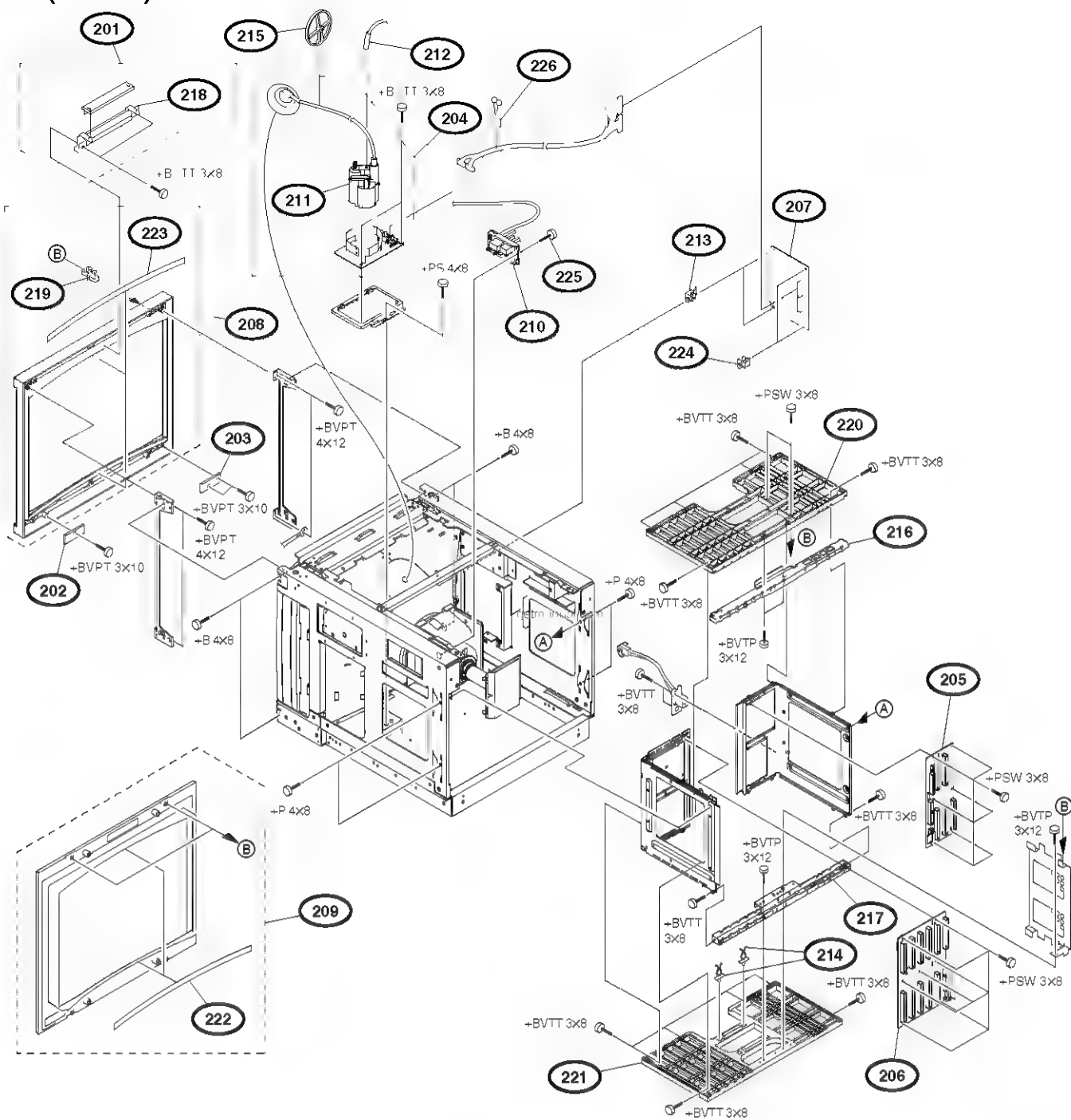
7-682-148-09 ≡ SCREW, +P 3X8 EP-FE ZNBK CM2





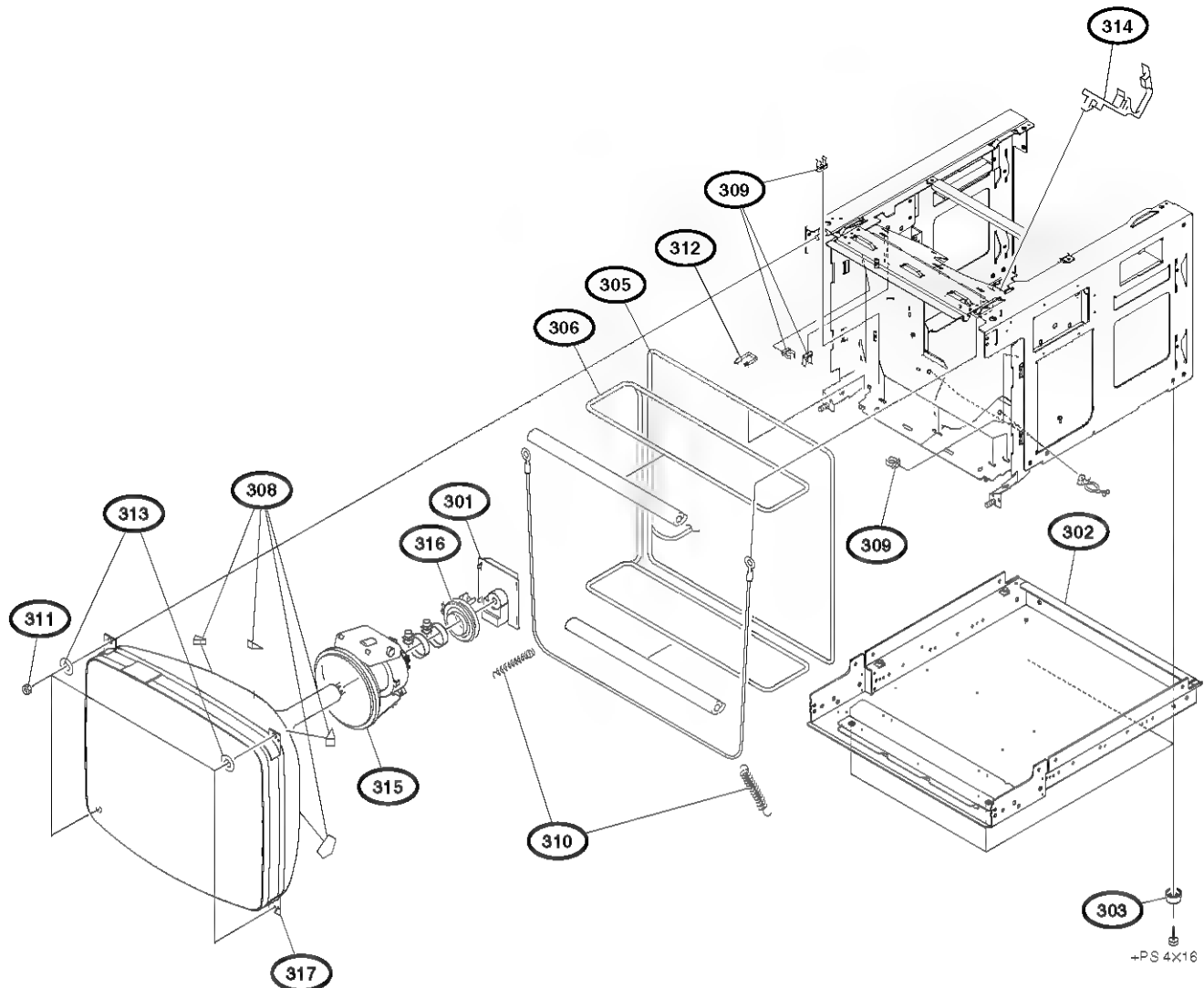
| No. | Part No.     | SP Description                    |
|-----|--------------|-----------------------------------|
| 101 | A-1091-090-A | ≡ MOUNTED CIRCUIT BOARD, BK       |
| 102 | A-1171-142-A | ≡ MOUNTED CIRCUIT BOARD, BC       |
| 103 | A-1166-053-A | ≡ MOUNTED CIRCUIT BOARD, CA       |
| 104 | 3-648-057-00 | ○ NUT ISO-4 U STEEL               |
| 105 | 3-673-948-21 | ≡ CAP, DUST                       |
| 106 | 4-050-804-01 | ○ SCREW, PANEL STOPPER            |
| 107 | 4-076-108-01 | ○ FINGER, SHIELD                  |
|     | 7-682-566-04 | ≡ SCREW, +B 4X20 EP-FE CU, NI, CR |
|     | 7-685-872-09 | ≡ SCREW, +BVT 3X8 EP-FE ZNBK CM   |

### Chassis (20 Inch)



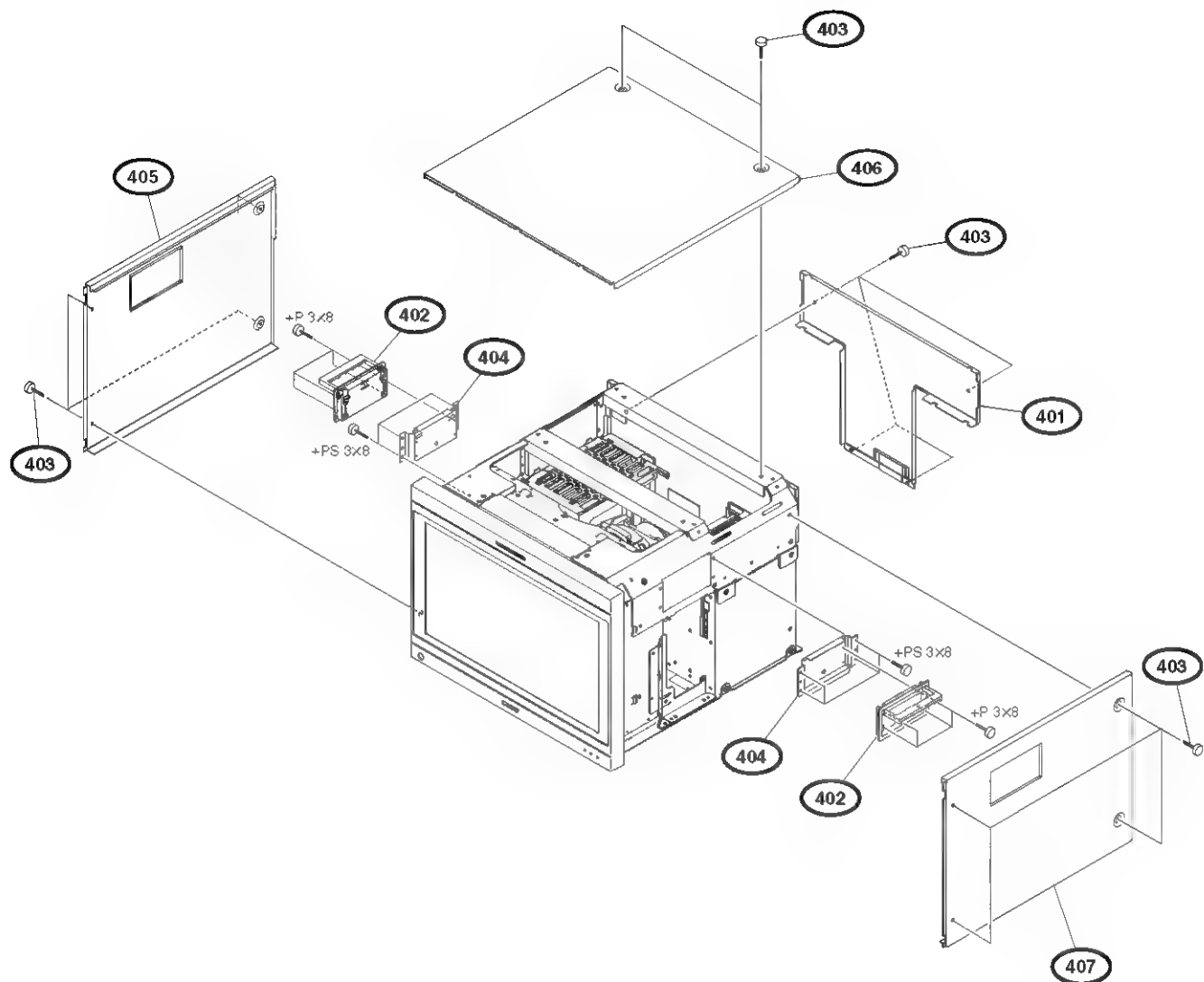
| No. | Part No.       | SP Description                |
|-----|----------------|-------------------------------|
| 201 | A-1091-224-A   | § MOUNTED CIRCUIT BOARD, YA   |
| 202 | A-1091-225-A   | § MOUNTED CIRCUIT BOARD, YB   |
| 203 | A-1091-226-A   | § MOUNTED CIRCUIT BOARD, YC   |
| 204 | A-1168-481-A   | § MOUNTED CIRCUIT BOARD, PC   |
| 205 | A-1091-232-A   | § MOUNTED CIRCUIT BOARD, TA   |
| 206 | A-1091-233-A   | § MOUNTED CIRCUIT BOARD, TB   |
| 207 | A-1091-285-A   | § MOUNTED CIRCUIT BOARD, PA   |
| 208 | △ X-2108-374-1 | § BEZEL ASSY                  |
| 209 | X-4038-688-1   | § MASK 16:9 ASSY              |
| 210 | △ 1-223-417-31 | § RESISTOR ASSY HIGH-VOLTAGE  |
| 211 | △ 1-453-475-11 | § R P FBT ASSY NX-4201 (M3E4) |
| 212 | △ 1-900-214-33 | § LEAD ASSY, FOCUS            |
| 213 | 3-703-141-00   | ○ HOLDER, PWB                 |
| 214 | 4-035-160-01   | § PURSE LOCK S DIA. 12.       |
| 215 | 4-047-349-01   | ○ HOLDER, HV CABLE            |
| 216 | 4-050-847-03   | ○ PLATE UPPER, NUT            |
| 217 | 4-050-848-03   | ○ PLATE LOWER, NUT            |
| 218 | 4-050-876-01   | ○ PLATE, LIGHT INTERCEPTION   |
| 219 | 4-051-061-03   | § HOLDER, MASK                |
| 220 | 4-072-207-02   | ○ BOARD UPPER, CARD SLOT      |

| No. | Part No.     | SP Description                        |
|-----|--------------|---------------------------------------|
| 221 | 4-072-208-02 | o BOARD LOWER , CARD SLOT             |
| 222 | 4-081-069-01 | s CUSHION                             |
| 223 | 4-101-842-01 | s CUSHION                             |
| 224 | 4-353-620-11 | o HINGE, PC BOARD PA                  |
| 225 | 4-382-854-11 | s SCREW, +PSW M3X10 EP-FE ZNBK CM     |
| 226 | 4-847-334-02 | o PURSE LOCK DIA.15                   |
|     | 7-682-161-09 | s SCREW, +P 4X8                       |
|     | 7-682-561-09 | s SCREW, +B 4X8                       |
|     | 7-682-661-01 | s SCREW, +PS 4X8 EP-FE ZN CM2         |
|     | 7-682-948-01 | s SCREW, +PSW 3X8                     |
|     | 7-685-647-79 | s SCREW, +BVTP 3X10 EP-FE ZNBK CM2    |
|     | 7-685-661-14 | s SCREW, +BVTP 4X12 (EP-FE CU, NI, CR |
|     | 7-685-872-01 | s SCREW, +BVTT 3X8 EP-FE ZNBK CM)     |
|     | 7-685-648-71 | s SCREW, +BVTP 3X12 TYPE2 IT-3        |



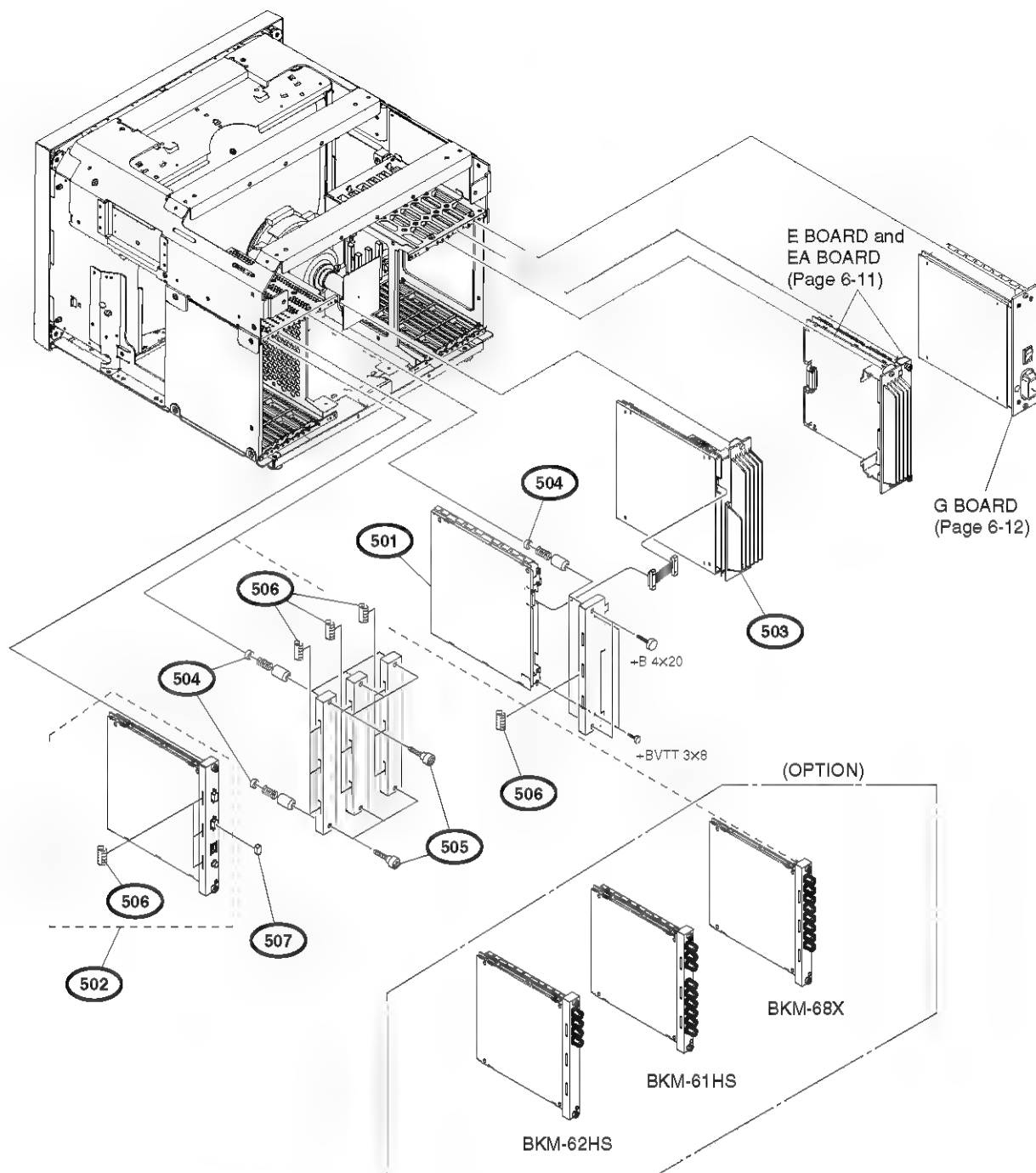
| No. | Part No.       | SP Description                  |
|-----|----------------|---------------------------------|
| 301 | A-1091-223-A   | ⊞ MOUNTED CIRCUIT BOARD, C      |
| 302 | X-4033-113-5   | ○ PLATE ASSY, BOTTOM            |
| 303 | X-4033-117-1   | ⊞ FOOT ASSY                     |
| 305 | 1-411-657-11   | ⊞ COIL, LANDING CORRECTION      |
| 306 | △ 1-411-659-21 | ⊞ COIL, DEMAGNETIC              |
| 308 | 4-040-897-01   | ⊞ SPACER, DY                    |
| 309 | 4-041-021-02   | ⊞ HOLDER, DEGAUSS COIL          |
| 310 | 4-303-774-99   | ⊞ SPRING                        |
| 311 | 4-306-034-00   | ⊞ FLANGE NUT B 5MM STEEL        |
| 312 | 4-316-015-00   | ○ HOLDER, WIRE                  |
| 313 | 4-348-567-00   | ⊞ WASHER STEEL                  |
| 314 | 4-387-284-01   | ○ HOLDER, LEAD                  |
| 315 | △ 8-451-513-11 | ⊞ DY Y20MTD-M                   |
| 316 | 8-453-003-11   | ⊞ NECK ASSY, NA3012 M           |
| 317 | △ 8-737-273-05 | ⊞ PICTURE TUBE 20MZ1 BVM-A20F1M |
|     | △ 8-737-275-05 | ⊞ PICTURE TUBE 20MZ1 BVM-A20F1A |
|     | △ 8-737-271-05 | ⊞ PICTURE TUBE 20MZ3 BVM-A20F1U |
|     | 7-682-665-09   | ⊞ SCREW, +PS 4X16               |
|     | 1-452-032-11   | MAGNET, DISC                    |
|     | 4-051-736-23   | PIECE A 90 , CONV, CORRECT      |
|     | 4-051-736-42   | PIECE A 90 , CONV, CORRECT      |

## Cover (24 Inch)



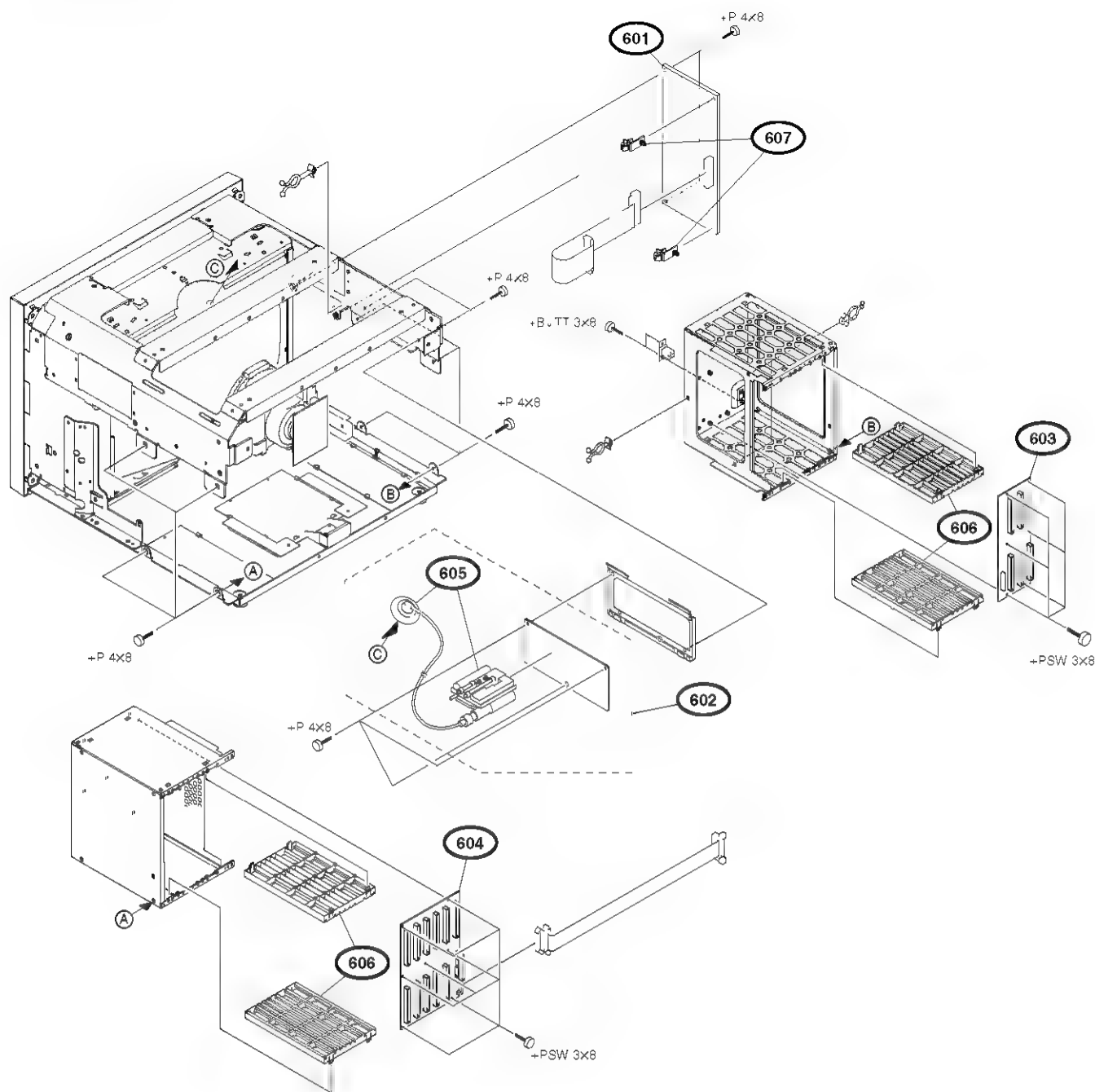
| No. | Part No.       | SP Description           |
|-----|----------------|--------------------------|
| 401 | △ X-2059-549-1 | s COVER ASSY, REAR       |
| 402 | △ X-3608-706-1 | s HANDLE ASSY            |
| 403 | 4-063-969-01   | s SCREW (OS), CASE, CLAW |
| 404 | △ 4-072-136-02 | o BRACKET, HANDLE        |
| 405 | △ 4-072-140-01 | o COVER (L), SIDE        |
| 406 | △ 4-072-141-02 | o COVER, TOP             |
| 407 | △ 4-072-143-01 | o COVER (R), SIDE        |

7-682-648-09 s SCREW, +PS 3X8 (EP-FE/ZNBK/CM2)



| No. | Part No.     | SP Description                    |
|-----|--------------|-----------------------------------|
| 501 | A-1091-090-A | ⊞ MOUNTED CIRCUIT BOARD, BK       |
| 502 | A-1171-142-A | ⊞ MOUNTED CIRCUIT BOARD, BC       |
| 503 | A-1166-053-A | ⊞ MOUNTED CIRCUIT BOARD, CA       |
| 504 | 3-648-057-00 | ○ NUT ISO-4 U STEEL               |
| 505 | 4-050-804-01 | ○ SCREW, PANEL STOPPER            |
| 506 | 4-076-108-01 | ○ FINGER, SHIELD                  |
| 507 | 3-673-948-21 | ⊞ CAP, DUST                       |
|     | 7-682-566-04 | ⊞ SCREW, +B 4X20 EP-FE/CU, NI, CR |
|     | 7-685-872-09 | ⊞ SCREW, +BVT 3X8 EP-FE ZNPK CM   |

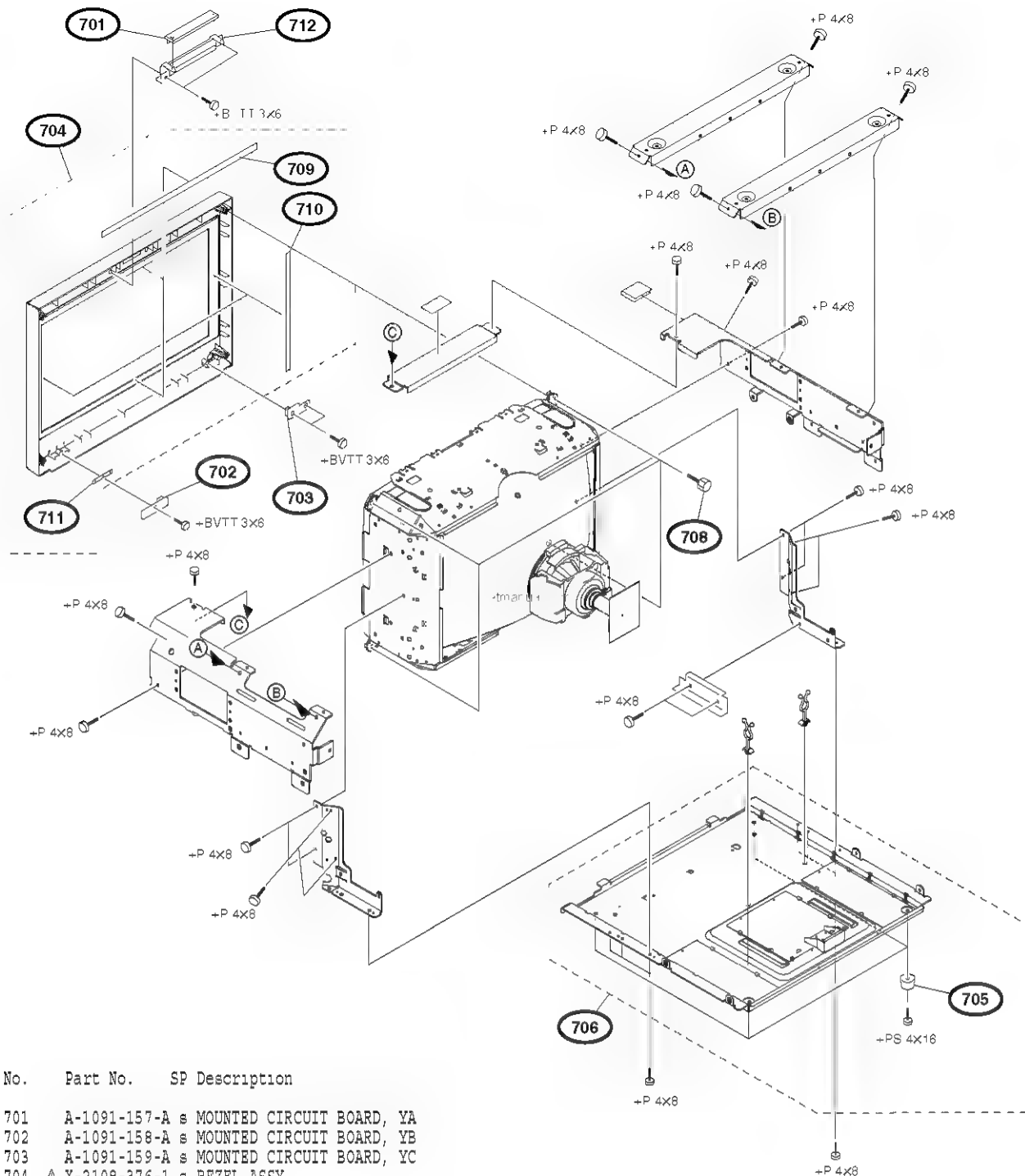
# TA Board and TB Board (24 Inch)



| No. | Part No.       | SP Description               |
|-----|----------------|------------------------------|
| 601 | A-1091-092-A   | ≡ MOUNTED CIRCUIT BOARD, PA  |
| 602 | A-1134-020-A   | ≡ MOUNTED CIRCUIT BOARD, PC  |
| 603 | A-1091-180-A   | ≡ MOUNTED CIRCUIT BOARD, TA  |
| 604 | A-1091-181-A   | ≡ MOUNTED CIRCUIT BOARD, TB  |
| 605 | △ 1-453-474-11 | ≡ R/P FBT ASSY NX-4505 /Q5L4 |

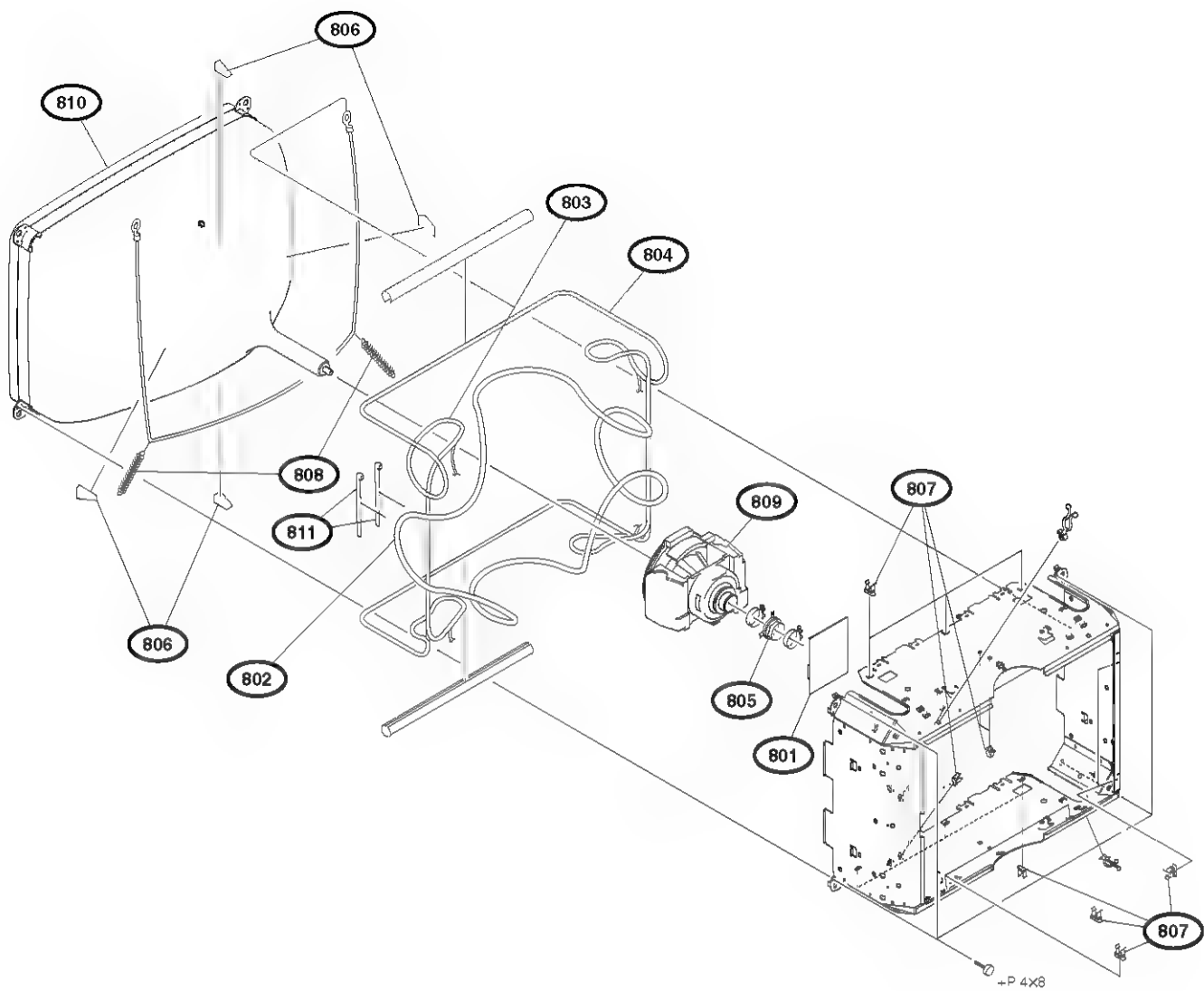
|     |              |                       |
|-----|--------------|-----------------------|
| 606 | 4-072-145-01 | ○ RAIL, FWB           |
| 607 | 4-353-620-11 | ○ HINGE, PC BOARD ,PA |

|              |                   |               |
|--------------|-------------------|---------------|
| 7-685-872-09 | ≡ SCREW, +BVT 3X8 | EP-FE/ZNBK,CM |
| 7-682-948-01 | ≡ SCREW, +PSW 3X8 |               |
| 7-682-161-09 | ≡ SCREW, +P 4X8   |               |



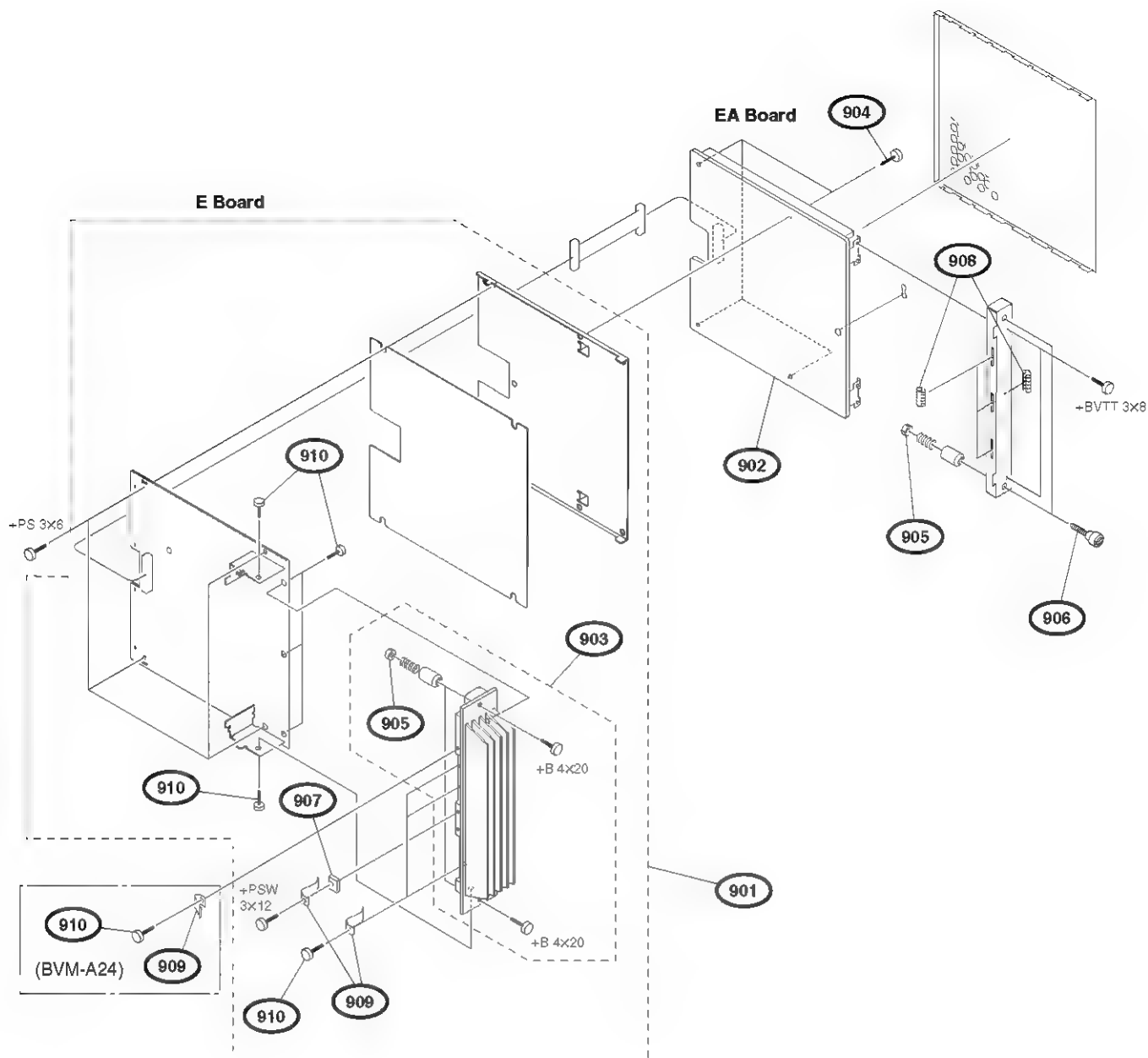
| No. | Part No.       | SP Description              |
|-----|----------------|-----------------------------|
| 701 | A-1091-157-A   | ≡ MOUNTED CIRCUIT BOARD, YA |
| 702 | A-1091-158-A   | ≡ MOUNTED CIRCUIT BOARD, YB |
| 703 | A-1091-159-A   | ≡ MOUNTED CIRCUIT BOARD, YC |
| 704 | Δ X-2108-376-1 | ≡ BEZEL ASSY                |
| 705 | X-4033-117-1   | ≡ FOOT ASSY                 |
| 706 | X-4037-042-3   | ○ CABINET ASSY, BOTTOM      |
| 708 | 2-388-232-11   | ≡ BOLT, HEXAGON             |
| 709 | 4-072-119-01   | ○ SPACER, BEZEL             |
| 710 | 4-072-119-11   | ○ SPACER, BEZEL             |
| 711 | 4-072-122-01   | ○ YB PLATE                  |
| 712 | 4-072-138-01   | ○ PLATE, TALLY              |
|     | 7-682-161-09   | ≡ SCREW, +P 4X8             |
|     | 7-682-665-09   | ≡ SCREW, +PS 4X16           |
|     | 7-685-871-01   | ≡ SCREW, +BVTT 3X6          |

## Picture Tube (24 Inch)

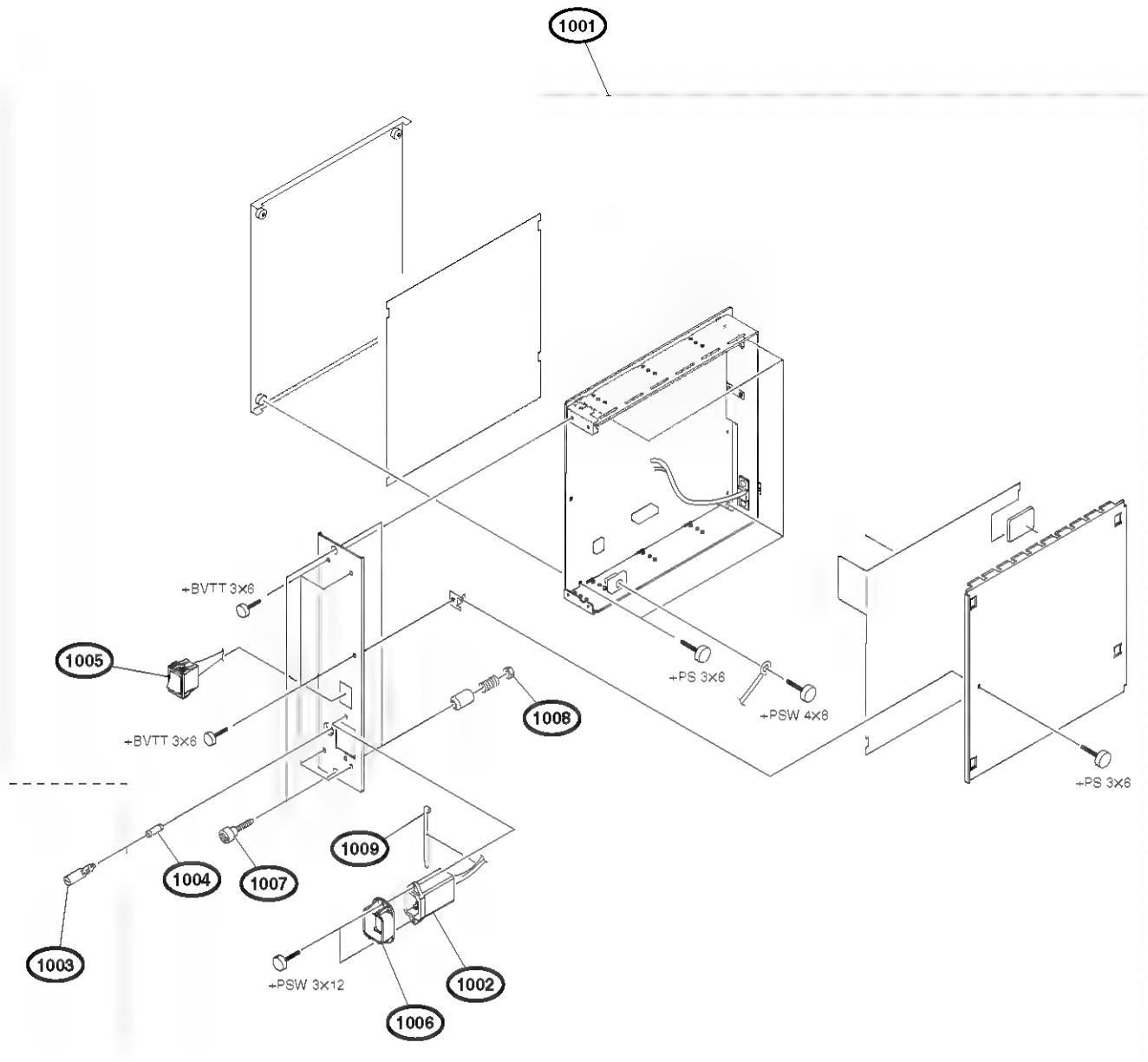


| No. | Part No.       | SP Description                   |
|-----|----------------|----------------------------------|
| 801 | A-1091-154-A   | ⊗ MOUNTED CIRCUIT BOARD, C       |
| 802 | 1-415-968-21   | ⊗ COIL, LANDING CORRECTION NS    |
| 803 | 1-416-140-12   | ⊗ COIL, LANDING CORRECTION       |
| 804 | △ 1-419-316-11 | ⊗ COIL, DEGAUSSING               |
| 805 | 1-452-912-32   | ⊗ NECK ASSEMBLY NA2914           |
| 806 | 4-040-897-02   | ⊗ SPACER, DY                     |
| 807 | 4-041-021-02   | ⊗ HOLDER, DEGAUSS COIL           |
| 808 | 4-303-774-03   | ⊗ SPRING                         |
| 809 | △ 8-451-510-11 | ⊗ DY Y24TXD-M                    |
| 810 | △ 8-733-005-05 | ⊗ PICTURE TUBE 24TX1 BVM-A24E1WM |
|     | △ 8-733-006-05 | ⊗ PICTURE TUBE 24TX3 BVM-A24E1WU |
|     | △ 8-733-009-05 | ⊗ PICTURE TUBE 24TX1 BVM-A24E1WA |
| 811 | 3-701-748-00   | ⊗ CLAMP                          |
|     | 7-682-161-09   | ⊗ SCREW, +P 4X8                  |
|     | 1-452-032-11   | MAGNET, DISC                     |
|     | 4-051-736-23   | PIECE A 90 , CONV, CORRECT       |
|     | 4-051-736-42   | PIECE A 90 , CONV, CORRECT       |





| No. | Part No.     | SP Description                        |
|-----|--------------|---------------------------------------|
| 901 | A-1091-305-A | ⊞ MOUNTED CIRCUIT BOARD, E (BVM-A20)  |
|     | A-1091-094-A | ⊞ MOUNTED CIRCUIT BOARD, E (BVM-A24)  |
| 902 | A-1134-024-A | ⊞ MOUNTED CIRCUIT BOARD, EA (BVM-A20) |
|     | A-1173-136-A | ⊞ MOUNTED CIRCUIT BOARD, EA (BVM-A24) |
| 903 | X-4033-108-3 | ⊞ HEAT SINK ASSY, DEF                 |
| 904 | 2-590-972-01 | ⊞ SCREW(M3X4), STEP                   |
| 905 | 3-648-057-00 | ⊞ NUT (ISO-4) U (STEEL)               |
| 906 | 4-050-804-01 | ⊞ SCREW, PANEL STOPPER                |
| 907 | 4-072-202-01 | ⊞ SPACER                              |
| 908 | 4-076-108-01 | ⊞ FINGER, SHIELD                      |
| 909 | 4-381-905-01 | ⊞ SPRING (D) (PLATE) (ST)             |
| 910 | 4-382-854-01 | ⊞ SCREW, +PSW M3X8 (EP-FE/ZN/CM2)     |
|     | 7-682-566-04 | ⊞ SCREW, +B 4X20 (EP-FE/CU, NI, CR)   |
|     | 7-682-647-09 | ⊞ SCREW, +PS 3X6 (EP-FE/ZNBK/CM2)     |
|     | 7-682-950-01 | ⊞ SCREW, +PSW 3X12 (EP-FE/ZNBK/CM2)   |
|     | 7-685-872-01 | ⊞ SCREW, +BVTT 3X8 (S)                |



| No.  | Part No.       | SP Description                    |
|------|----------------|-----------------------------------|
| 1001 | A-1091-093-A   | ≡ MOUNTED CIRCUIT BOARD, G        |
| 1002 | △ 1-251-382-21 | ≡ INLET, AC 3P WITH NOISE FILTER  |
| 1003 | △ 1-533-702-11 | ≡ HOLDER, FUSE                    |
| 1004 | △ 1-576-231-51 | ≡ FUSE H.B.C. 4A.250V             |
| 1005 | △ 1-762-300-11 | ≡ SWITCH, AC POWER SEESAW         |
| 1006 | 2-990-241-02   | ≡ HOLDER A, PLUG                  |
| 1007 | 4-050-804-01   | ○ SCREW, PANEL STOPPER            |
| 1008 | 3-648-057-00   | ○ NUT ISO-4 U STEEL               |
| 1009 | 3-701-748-00   | ≡ CLAMP                           |
|      | 7-682-647-09   | ≡ SCREW, +PS 3X6 EP-FE ZNBK CM2   |
|      | 7-682-961-01   | ≡ SCREW, +PSW 4X8                 |
|      | 7-685-871-09   | ≡ SCREW, +BVT 3X6                 |
|      | 7-682-950-09   | ≡ SCREW, +PSW 3X12 EP-FE ZNBK CM2 |

### 6-3. Electrical Parts List

#### BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-1171-142-A | Mounted Circuit Board, BC       |
| 2pcs                | 7-682-647-09 | SCREW +PS 3X6                   |
| 2pcs                | 3-648-057-00 | NUT ISO-4, U                    |
| 3pcs                | 4-050-804-01 | SCREW, PANEL STOPPER            |
| 2pcs                | 7-685-872-09 | SCREW +BVT 3X8 S PANEL 2        |
| C011                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C012                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C013                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C014                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C015                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C016                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C017                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C018                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C019                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C020                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C021                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C022                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C023                | 1-126-412-21 | CAP, CHIP ELECT 220MF 4X5.7     |
| C024                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C025                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C026                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C028                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C030                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C031                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C032                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C033                | 1-162-910-91 | CAP, CERAMIC 5.0PF CH 1608      |
| C034                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C037                | 1-164-315-91 | CAP, CERAMIC 470PF CH 1608      |
| C039                | 1-164-315-91 | CAP, CERAMIC 470PF CH 1608      |
| C043                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C044                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C045                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C046                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C047                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C048                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C049                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C050                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C051                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C052                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C053                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C054                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C055                | 1-128-360-21 | CAP, CHIP ELECT 220MF           |
| C056                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C057                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C100                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C101                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C102                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C103                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C104                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C105                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C106                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C107                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C108                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C109                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C110                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C111                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C112                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C113                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C114                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C115                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |

#### BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C116                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C117                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C118                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C119                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C120                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C121                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C122                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C123                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C129                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C130                | 1-165-989-91 | CAP, CERAMIC 10MF 2012          |
| C131                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C132                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C133                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C150                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C151                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C152                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C153                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C154                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C155                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C156                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C157                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C158                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C159                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C160                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C161                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C162                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C163                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C164                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C165                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C166                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C167                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C168                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C169                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C170                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C171                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C172                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C173                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C174                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C175                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C176                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C177                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C178                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C179                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C180                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C181                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608     |
| C182                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C183                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C184                | 1-107-826-91 | CAP, CHIP CERAMIC 100000PF B    |
| C185                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C186                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C187                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C188                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C189                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C190                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C191                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C192                | 1-107-726-91 | CAP, CHIP CERAMIC 10000PF B1608 |
| C193                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C194                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C195                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |
| C196                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7   |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| C197                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C198                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C199                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C200                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C250                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C251                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C252                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C253                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C254                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C255                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C256                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C257                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C258                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C259                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C260                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C261                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C262                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C263                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C264                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C265                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C266                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C267                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C268                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C269                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C270                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C271                | 1-107-726-91 | § CAP, CHIP CERAMIC 10000PF B 1608 |
| C272                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C273                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C274                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C275                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C276                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C277                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C278                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C279                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C280                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C281                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C282                | 1-162-964-91 | § CAP, CHIP CERAMIC 1000PF B 1608  |
| C283                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C284                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C290                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C291                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C300                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C301                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C302                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C304                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C305                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C306                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C307                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C308                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C309                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C310                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C311                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C312                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C313                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C314                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C315                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C316                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C317                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C318                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C319                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C320                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C321                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C322                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C323                | 1-126-412-21 | § CAP, CHIP ELECT 220MF 4X5.7    |
| C324                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C325                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C326                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C327                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C328                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C329                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C340                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C341                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C342                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C350                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C351                | 1-162-923-91 | § CAP, CERAMIC 47PF CH 1608      |
| C352                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C353                | 1-125-889-91 | § CAP, CHIP CERAMIC 2.2MF B 2012 |
| C354                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C355                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C356                | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608      |
| C357                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C358                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C359                | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608      |
| C360                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C361                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C362                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C363                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C364                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C365                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C366                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C367                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C368                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C369                | 1-127-820-91 | § CAP, CHIP CERAMIC 4.7MF B 3216 |
| C370                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C371                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C372                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C373                | 1-165-667-21 | § CAP, ELECT 100MF               |
| C374                | 1-165-668-21 | § CAP, ELECT 150MF               |
| C375                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C376                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C377                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C378                | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C379                | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C380                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C381                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C382                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C383                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C384                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C385                | 1-126-412-21 | § CAP, CHIP ELECT 220MF 4X5.7    |
| C386                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C387                | 1-165-585-21 | § CAP, CHIP ELECT 47MF           |
| C388                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C389                | 1-126-396-21 | § CAP, CHIP ELECT 47MF 6.3X5.7   |
| C390                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C391                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C392                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C396                | 1-126-390-21 | § CAP, CHIP ELECT 22MF 4X5.7     |
| C398                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C399                | 1-100-202-21 | § CAP, CHIP ELECT 330MF          |
| C400                | 1-100-202-21 | § CAP, CHIP ELECT 330MF          |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                    |
|---------------------|--------------|----|--------------------------------|
| CN011               | 1-774-137-11 | ⊗  | SOCKET, CONNECTOR 36P          |
| CN150               | 1-817-753-11 | ○  | CONNECTOR, BOARD TO BOARD 100P |
| CN151               | 1-764-080-21 | ○  | PIN, CONNECTOR PC BOARD 8P     |
| CN152               | 1-817-753-11 | ○  | CONNECTOR, BOARD TO BOARD 100P |
| CN153               | 1-573-566-11 | ⊗  | CONNECTOR, D-SUB ANGLE TYPE 9P |
| CN250               | 1-815-187-11 | ⊗  | JACK, MODULAR                  |
| CN251               | 1-784-427-11 | ⊗  | CONNECTOR, D-SUB ANGLE TYPE 9  |
| CN350               | 1-770-469-21 | ○  | PIN, CONNECTOR PC BOARD 2P     |
| CN351               | 1-770-469-21 | ○  | PIN, CONNECTOR PC BOARD 2P     |
| D011                | 8-719-038-07 | ⊗  | DIODE CL-190PG-CD-T            |
| D012                | 8-719-038-07 | ⊗  | DIODE CL-190PG-CD-T            |
| D013                | 8-719-038-07 | ⊗  | DIODE CL-190PG-CD-T            |
| D014                | 6-501-156-01 | ⊗  | DIODE LB-303DA                 |
| D015                | 8-719-038-07 | ⊗  | DIODE CL-190PG-CD-T            |
| D154                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D155                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D156                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D157                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D158                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D159                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D160                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D161                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D162                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D163                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D164                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D165                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D166                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D167                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D168                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D251                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D252                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D253                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D254                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D255                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D256                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D257                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D258                | 8-719-037-22 | ⊗  | DIODE RD12SB-T1                |
| D350                | 8-719-027-76 | ⊗  | DIODE 1SS357-TPH3              |
| D351                | 8-719-027-76 | ⊗  | DIODE 1SS357-TPH3              |
| D352                | 8-719-073-92 | ⊗  | DIODE RB060L-40TE25            |
| D353                | 8-719-073-92 | ⊗  | DIODE RB060L-40TE25            |
| D354                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| D355                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| D356                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| D357                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| D358                | 8-719-036-98 | ⊗  | DIODE RD6.2SB-T1               |
| D359                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| D360                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| D361                | 8-719-038-07 | ⊗  | DIODE CL-190PG-CD-T            |
| D362                | 8-719-404-50 | ⊗  | DIODE MA111-TX                 |
| F350                | 1-533-804-21 | ⊗  | FUSE SMD 2.5A 125V             |
| F351                | 1-533-804-21 | ⊗  | FUSE SMD 2.5A 125V             |
| F352                | 1-533-804-21 | ⊗  | FUSE SMD 2.5A 125V             |
| FB011               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608          |
| FB012               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608          |
| FB013               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608          |
| FB014               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608          |
| FB015               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608          |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP | Description           |
|---------------------|--------------|----|-----------------------|
| FB016               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB017               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB018               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB019               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB020               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB021               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB100               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB101               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB102               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB103               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB105               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB106               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB107               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB108               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB150               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB151               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB152               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB153               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB154               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB155               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB156               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB157               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB158               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB159               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB160               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB161               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB162               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB163               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB164               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB165               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB166               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB167               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB168               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB169               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB170               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB171               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB250               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB251               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB252               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB253               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB254               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB255               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB256               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB257               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB258               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB259               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB260               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB301               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB302               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB303               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB304               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB305               | 1-414-864-21 | ⊗  | FERRITE, EMI SMD 1608 |
| FB350               | 1-469-379-21 | ⊗  | FERRITE, EMI SMD 2012 |
| FB403               | 1-400-150-21 | ⊗  | FERRITE, EMI SMD 4516 |
| FL150               | 1-239-896-22 | ⊗  | FILTER, EMI SMD       |
| FL151               | 1-239-896-22 | ⊗  | FILTER, EMI SMD       |
| FL152               | 1-239-896-22 | ⊗  | FILTER, EMI SMD       |
| FL153               | 1-239-896-22 | ⊗  | FILTER, EMI SMD       |
| FL154               | 1-239-896-22 | ⊗  | FILTER, EMI SMD       |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| FL155               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL156               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL157               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL158               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL159               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL160               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL161               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL162               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL163               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL164               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL165               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL166               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL167               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL168               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL169               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL170               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL250               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL251               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL252               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| FL253               | 1-239-896-22 | s FILTER, EMI (SMD)       |
| IC001               | 6-704-560-01 | s IC HD6417709SF133BV     |
| IC010               | 6-708-677-01 | s IC BU4815FVE-TR         |
| IC011               | 8-759-099-44 | s IC TD62381FG(EL)        |
| IC012               | 6-708-748-01 | s IC BD4828FVE-TR         |
| IC013               | 6-709-531-01 | s IC TD62783AFG(5.S.EL)   |
| IC014               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC015               | 6-703-875-01 | s IC CDCVF2505PWR         |
| IC016               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC017               | 8-759-592-46 | s IC TC7SZ05FU(TE85R)     |
| IC018               | 8-759-592-46 | s IC TC7SZ05FU(TE85R)     |
| IC100               | 6-705-755-01 | s IC K4S561632E-UC75T     |
| IC101               | 6-705-755-01 | s IC K4S561632E-UC75T     |
| IC106               | 6-707-987-01 | s IC MB85R256PF-G-BNDE1   |
| IC108               | 6-708-390-01 | s IC SN74AUP1G14DCKR      |
| IC109               | 6-708-389-01 | s IC SN74AUP1G32DCKR      |
| IC110               | 6-708-389-01 | s IC SN74AUP1G32DCKR      |
| IC150               | 6-709-436-01 | s IC LC4128V-5TN100CA1353 |
| IC151               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC152               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC153               | 8-759-592-49 | s IC TC7SZ125FU(TE85R)    |
| IC154               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC155               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC156               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC157               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC158               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC159               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC160               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC161               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC162               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC163               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC164               | 8-759-573-97 | s IC SN74LVC541APWR       |
| IC165               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC166               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC167               | 8-759-679-54 | s IC SN74LVC14APWR        |
| IC168               | 6-704-722-02 | s IC XC9536XL-5VQG44C     |
| IC250               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)  |
| IC251               | 6-705-039-01 | s IC 93LC46BT-I/SN        |
| IC253               | 8-759-429-23 | s IC TL16C550CPT          |
| IC254               | 6-700-424-01 | s IC MAX3243CDBR          |
| IC255               | 6-700-424-01 | s IC MAX3243CDBR          |

## (BC BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| IC256               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)          |
| IC257               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)          |
| IC258               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)          |
| IC301               | 6-700-387-01 | s IC EPC2LC20N-TP                 |
| IC302               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)          |
| IC303               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)          |
| IC310               | 6-708-748-01 | s IC BD4828FVE-TR                 |
| IC311               | 6-706-488-01 | s IC TC7SH14FU(T5RSOYJF)          |
| IC312               | 8-759-592-46 | s IC TC7SZ05FU(TE85R)             |
| IC313               | 8-759-523-04 | s IC TC74HC4538AFT,EL             |
| IC350               | 6-702-510-01 | s IC TPS5120DBTRG4                |
| IC351               | 6-705-403-01 | s IC PQ070XZ01ZPH                 |
| IC352               | 6-702-295-01 | s IC NJM78M12DL1A-TE1             |
| IC404               | 6-705-027-01 | s IC BD4840FVE-TR                 |
| L350                | 1-469-848-21 | s INDUCTOR (SMD)                  |
| L351                | 1-469-848-21 | s INDUCTOR (SMD)                  |
| L352                | 1-469-848-21 | s INDUCTOR (SMD)                  |
| L353                | 1-469-848-21 | s INDUCTOR (SMD)                  |
| L354                | 1-469-848-21 | s INDUCTOR (SMD)                  |
| Q150                | 8-729-209-77 | s TRANSISTOR 2SC2873Y-TE12L       |
| Q151                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106       |
| Q152                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106       |
| Q153                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106       |
| Q351                | 6-550-374-01 | s TRANSISTOR TPC8009-H (T2LSONYF) |
| Q353                | 6-550-374-01 | s TRANSISTOR TPC8009-H (T2LSONYF) |
| Q354                | 6-550-374-01 | s TRANSISTOR TPC8009-H (T2LSONYF) |
| Q356                | 6-550-374-01 | s TRANSISTOR TPC8009-H (T2LSONYF) |
| Q358                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR     |
| Q360                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106       |
| Q362                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106       |
| Q363                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106       |
| Q364                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106       |
| Q365                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106       |
| Q366                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106       |
| Q367                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106       |
| Q382                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R         |
| Q383                | 8-729-209-77 | s TRANSISTOR 2SC2873Y-TE12L       |
| R011                | 1-216-829-91 | s RES, CHIP 4.7K (1608)           |
| R012                | 1-216-833-91 | s RES, CHIP 10K (1608)            |
| R013                | 1-216-824-91 | s RES, CHIP 1.8K (1608)           |
| R014                | 1-216-801-91 | s RES, CHIP 22 (1608)             |
| R015                | 1-216-801-91 | s RES, CHIP 22 (1608)             |
| R016                | 1-216-824-91 | s RES, CHIP 1.8K 1608             |
| R017                | 1-216-829-91 | s RES, CHIP 4.7K 1608             |
| R018                | 1-216-824-91 | s RES, CHIP 1.8K 1608             |
| R019                | 1-216-833-91 | s RES, CHIP 10K (1608)            |
| R020                | 1-216-821-91 | s RES, CHIP 1.0K (1608)           |
| R021                | 1-216-825-91 | s RES, CHIP 2.2K (1608)           |
| R022                | 1-216-807-91 | s RES, CHIP 68 (1608)             |
| R023                | 1-216-801-91 | s RES, CHIP 22 (1608)             |
| R024                | 1-216-824-91 | s RES, CHIP 1.8K (1608)           |
| R025                | 1-216-801-91 | s RES, CHIP 22 (1608)             |
| R026                | 1-216-801-91 | s RES, CHIP 22 (1608)             |
| R027                | 1-216-809-91 | s RES, CHIP 100 (1608)            |
| R028                | 1-216-805-91 | s RES, CHIP 47 (1608)             |
| R029                | 1-216-805-91 | s RES, CHIP 47 (1608)             |
| R030                | 1-216-805-91 | s RES, CHIP 47 (1608)             |
| R031                | 1-216-805-91 | s RES, CHIP 47 (1608)             |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R032                | 1-216-803-91 | RES, CHIP 33 1608    |
| R034                | 1-216-807-91 | RES, CHIP 68 1608    |
| R035                | 1-216-803-91 | RES, CHIP 33 1608    |
| R036                | 1-216-803-91 | RES, CHIP 33 1608    |
| R037                | 1-216-817-91 | RES, CHIP 470 1608   |
| R038                | 1-216-817-91 | RES, CHIP 470 1608   |
| R039                | 1-216-817-91 | RES, CHIP 470 1608   |
| R040                | 1-216-817-91 | RES, CHIP 470 1608   |
| R041                | 1-216-817-91 | RES, CHIP 470 1608   |
| R042                | 1-216-817-91 | RES, CHIP 470 1608   |
| R043                | 1-216-817-91 | RES, CHIP 470 1608   |
| R044                | 1-216-817-91 | RES, CHIP 470 1608   |
| R045                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R046                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R047                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R049                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R100                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R101                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R102                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R103                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R113                | 1-216-805-91 | RES, CHIP 47 1608    |
| R114                | 1-216-805-91 | RES, CHIP 47 1608    |
| R115                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R116                | 1-216-801-91 | RES, CHIP 22 1608    |
| R151                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R152                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R153                | 1-216-820-91 | RES, CHIP 820 1608   |
| R154                | 1-216-823-91 | RES, CHIP 1.5K 1608  |
| R155                | 1-216-819-91 | RES, CHIP 680 1608   |
| R156                | 1-216-831-91 | RES, CHIP 6.8K 1608  |
| R157                | 1-216-805-91 | RES, CHIP 47 1608    |
| R158                | 1-216-805-91 | RES, CHIP 47 1608    |
| R159                | 1-216-805-91 | RES, CHIP 47 1608    |
| R160                | 1-216-805-91 | RES, CHIP 47 1608    |
| R161                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R162                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R163                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R164                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R165                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R166                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R167                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R168                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R169                | 1-216-805-91 | RES, CHIP 47 1608    |
| R171                | 1-216-805-91 | RES, CHIP 47 1608    |
| R172                | 1-216-805-91 | RES, CHIP 47 1608    |
| R173                | 1-216-805-91 | RES, CHIP 47 1608    |
| R174                | 1-216-805-91 | RES, CHIP 47 1608    |
| R175                | 1-216-803-91 | RES, CHIP 33 1608    |
| R176                | 1-216-803-91 | RES, CHIP 33 1608    |
| R177                | 1-216-805-91 | RES, CHIP 47 1608    |
| R178                | 1-216-805-91 | RES, CHIP 47 1608    |
| R179                | 1-216-805-91 | RES, CHIP 47 1608    |
| R180                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R181                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R182                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R183                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R184                | 1-216-803-91 | RES, CHIP 33 1608    |
| R185                | 1-216-803-91 | RES, CHIP 33 1608    |
| R186                | 1-216-803-91 | RES, CHIP 33 1608    |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R187                | 1-216-803-91 | RES, CHIP 33 1608    |
| R188                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R189                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R190                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R191                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R192                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R193                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R194                | 1-216-807-91 | RES, CHIP 68 1608    |
| R195                | 1-216-807-91 | RES, CHIP 68 1608    |
| R196                | 1-216-807-91 | RES, CHIP 68 1608    |
| R197                | 1-216-807-91 | RES, CHIP 68 1608    |
| R198                | 1-216-807-91 | RES, CHIP 68 1608    |
| R199                | 1-216-807-91 | RES, CHIP 68 1608    |
| R200                | 1-216-807-91 | RES, CHIP 68 1608    |
| R201                | 1-216-807-91 | RES, CHIP 68 1608    |
| R202                | 1-216-807-91 | RES, CHIP 68 1608    |
| R203                | 1-216-807-91 | RES, CHIP 68 1608    |
| R204                | 1-216-807-91 | RES, CHIP 68 1608    |
| R205                | 1-216-807-91 | RES, CHIP 68 1608    |
| R206                | 1-216-807-91 | RES, CHIP 68 1608    |
| R207                | 1-216-807-91 | RES, CHIP 68 1608    |
| R208                | 1-216-807-91 | RES, CHIP 68 1608    |
| R209                | 1-216-807-91 | RES, CHIP 68 1608    |
| R210                | 1-216-807-91 | RES, CHIP 68 1608    |
| R211                | 1-216-807-91 | RES, CHIP 68 1608    |
| R212                | 1-216-807-91 | RES, CHIP 68 1608    |
| R213                | 1-216-812-91 | RES, CHIP 180 1608   |
| R214                | 1-216-812-91 | RES, CHIP 180 1608   |
| R215                | 1-216-812-91 | RES, CHIP 180 1608   |
| R216                | 1-216-812-91 | RES, CHIP 180 1608   |
| R217                | 1-216-812-91 | RES, CHIP 180 1608   |
| R218                | 1-216-812-91 | RES, CHIP 180 1608   |
| R219                | 1-216-812-91 | RES, CHIP 180 1608   |
| R220                | 1-216-812-91 | RES, CHIP 180 1608   |
| R250                | 1-216-809-91 | RES, CHIP 100 1608   |
| R251                | 1-216-801-91 | RES, CHIP 22 1608    |
| R252                | 1-216-801-91 | RES, CHIP 22 1608    |
| R257                | 1-216-872-91 | RES, CHIP 11K 1608   |
| R258                | 1-216-809-91 | RES, CHIP 100 1608   |
| R259                | 1-216-799-91 | RES, CHIP 15 1608    |
| R260                | 1-216-797-91 | RES, CHIP 10 1608    |
| R261                | 1-216-809-91 | RES, CHIP 100 1608   |
| R262                | 1-216-799-91 | RES, CHIP 15 1608    |
| R263                | 1-216-797-91 | RES, CHIP 10 1608    |
| R264                | 1-216-809-91 | RES, CHIP 100 1608   |
| R265                | 1-216-797-91 | RES, CHIP 10 1608    |
| R266                | 1-216-797-91 | RES, CHIP 10 1608    |
| R267                | 1-216-809-91 | RES, CHIP 100 1608   |
| R268                | 1-216-799-91 | RES, CHIP 15 1608    |
| R269                | 1-216-799-91 | RES, CHIP 15 1608    |
| R270                | 1-216-801-91 | RES, CHIP 22 1608    |
| R272                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R274                | 1-216-801-91 | RES, CHIP 22 1608    |
| R275                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R276                | 1-216-817-91 | RES, CHIP 470 1608   |
| R277                | 1-216-817-91 | RES, CHIP 470 1608   |
| R278                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R279                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R280                | 1-216-809-91 | RES, CHIP 100 1608   |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R281                | 1-216-809-91 | RES, CHIP 100 1608         |
| R282                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R283                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R284                | 1-216-809-91 | RES, CHIP 100 1608         |
| R285                | 1-216-809-91 | RES, CHIP 100 1608         |
| R286                | 1-216-801-91 | RES, CHIP 22 1608          |
| R287                | 1-216-809-91 | RES, CHIP 100 1608         |
| R288                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R289                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R290                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R291                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R292                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R293                | 1-216-809-91 | RES, CHIP 100 1608         |
| R294                | 1-216-809-91 | RES, CHIP 100 1608         |
| R295                | 1-216-809-91 | RES, CHIP 100 1608         |
| R296                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R297                | 1-216-809-91 | RES, CHIP 100 1608         |
| R298                | 1-216-809-91 | RES, CHIP 100 1608         |
| R300                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R301                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R302                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R303                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R304                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R305                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R306                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R307                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R308                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R309                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R311                | 1-218-847-91 | RES, CHIP 1.0K 1608        |
| R312                | 1-218-830-91 | RES, CHIP 200 1608         |
| R333                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R334                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R335                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R336                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R337                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R338                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R350                | 1-218-917-91 | RES, CHIP 820K 1608        |
| R351                | 1-218-877-91 | RES, CHIP 18K 1608         |
| R352                | 1-218-867-91 | RES, CHIP 6.8K 1608        |
| R353                | 1-218-901-91 | RES, CHIP 180K 1608        |
| R354                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R355                | 1-218-873-91 | RES, CHIP 12K 1608         |
| R356                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R357                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R358                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R360                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R361                | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R362                | 1-218-875-91 | RES, CHIP 15K 1608         |
| R363                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R364                | 1-218-875-91 | RES, CHIP 15K 1608         |
| R365                | 1-218-863-91 | RES, CHIP 4.7K 1608        |
| R366                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R367                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R368                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R369                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R370                | 1-218-863-91 | RES, CHIP 4.7K 1608        |
| R371                | 1-216-809-91 | RES, CHIP 100 1608         |
| R372                | 1-219-706-21 | RES, CHIP SQUARE TYPE 0.10 |
| R373                | 1-218-871-91 | RES, CHIP 10K 1608         |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R374                | 1-218-895-91 | RES, CHIP 100K 1608  |
| R375                | 1-218-833-91 | RES, CHIP 270 1608   |
| R376                | 1-218-865-91 | RES, CHIP 5.6K 1608  |
| R377                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R378                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R380                | 1-216-826-91 | RES, CHIP 2.7K 1608  |
| R391                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R393                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R394                | 1-216-815-91 | RES, CHIP 330 1608   |
| R395                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R452                | 1-216-801-91 | RES, CHIP 22 1608    |
| R477                | 1-216-809-91 | RES, CHIP 100 1608   |
| R480                | 1-216-809-91 | RES, CHIP 100 1608   |
| R482                | 1-216-801-91 | RES, CHIP 22 1608    |
| R483                | 1-216-801-91 | RES, CHIP 22 1608    |
| R486                | 1-216-809-91 | RES, CHIP 100 1608   |
| R487                | 1-216-809-91 | RES, CHIP 100 1608   |
| R488                | 1-216-801-91 | RES, CHIP 22 1608    |
| R489                | 1-216-801-91 | RES, CHIP 22 1608    |
| R490                | 1-216-801-91 | RES, CHIP 22 1608    |
| R491                | 1-216-809-91 | RES, CHIP 100 1608   |
| R492                | 1-216-801-91 | RES, CHIP 22 1608    |
| R493                | 1-216-801-91 | RES, CHIP 22 1608    |
| R494                | 1-216-801-91 | RES, CHIP 22 1608    |
| R495                | 1-216-801-91 | RES, CHIP 22 1608    |
| R496                | 1-216-801-91 | RES, CHIP 22 1608    |
| R497                | 1-216-809-91 | RES, CHIP 100 1608   |
| R498                | 1-216-801-91 | RES, CHIP 22 1608    |
| R499                | 1-216-801-91 | RES, CHIP 22 1608    |
| R500                | 1-216-801-91 | RES, CHIP 22 1608    |
| R501                | 1-216-801-91 | RES, CHIP 22 1608    |
| R502                | 1-216-801-91 | RES, CHIP 22 1608    |
| R503                | 1-216-801-91 | RES, CHIP 22 1608    |
| R504                | 1-216-801-91 | RES, CHIP 22 1608    |
| R505                | 1-216-801-91 | RES, CHIP 22 1608    |
| R506                | 1-216-801-91 | RES, CHIP 22 1608    |
| R507                | 1-216-797-91 | RES, CHIP 10 1608    |
| R509                | 1-216-809-91 | RES, CHIP 100 1608   |
| R510                | 1-216-809-91 | RES, CHIP 100 1608   |
| R511                | 1-216-801-91 | RES, CHIP 22 1608    |
| R512                | 1-216-809-91 | RES, CHIP 100 1608   |
| R513                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R514                | 1-216-797-91 | RES, CHIP 10 1608    |
| R515                | 1-216-809-91 | RES, CHIP 100 1608   |
| R524                | 1-216-809-91 | RES, CHIP 100 1608   |
| R529                | 1-216-801-91 | RES, CHIP 22 1608    |
| R530                | 1-216-801-91 | RES, CHIP 22 1608    |
| R531                | 1-216-801-91 | RES, CHIP 22 1608    |
| R532                | 1-216-809-91 | RES, CHIP 100 1608   |
| R533                | 1-216-801-91 | RES, CHIP 22 1608    |
| R534                | 1-216-801-91 | RES, CHIP 22 1608    |
| R535                | 1-216-801-91 | RES, CHIP 22 1608    |
| R536                | 1-216-801-91 | RES, CHIP 22 1608    |
| R537                | 1-216-801-91 | RES, CHIP 22 1608    |
| R538                | 1-216-801-91 | RES, CHIP 22 1608    |
| R539                | 1-216-801-91 | RES, CHIP 22 1608    |
| R540                | 1-216-801-91 | RES, CHIP 22 1608    |
| R541                | 1-216-807-91 | RES, CHIP 68 1608    |
| R542                | 1-216-801-91 | RES, CHIP 22 1608    |



## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| R567                | 1-216-801-91 | RES, CHIP 22 1608        |
| R568                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R569                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R570                | 1-216-805-91 | RES, CHIP 47 1608        |
| R571                | 1-216-805-91 | RES, CHIP 47 1608        |
| R572                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R573                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R575                | 1-216-809-91 | RES, CHIP 100 1608       |
| R576                | 1-216-809-91 | RES, CHIP 100 1608       |
| R578                | 1-218-855-91 | RES, CHIP 2.2K 1608      |
| R579                | 1-216-801-91 | RES, CHIP 22 1608        |
| R580                | 1-216-801-91 | RES, CHIP 22 1608        |
| R581                | 1-216-801-91 | RES, CHIP 22 1608        |
| R582                | 1-216-801-91 | RES, CHIP 22 1608        |
| R591                | 1-216-801-91 | RES, CHIP 22 1608        |
| R592                | 1-216-821-91 | RES, CHIP 1.0K 1608      |
| R593                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R594                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R595                | 1-216-821-91 | RES, CHIP 1.0K 1608      |
| R596                | 1-216-812-91 | RES, CHIP 180 1608       |
| R597                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R598                | 1-216-812-91 | RES, CHIP 180 1608       |
| R599                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R600                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R601                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R602                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R603                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R604                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R605                | 1-216-809-91 | RES, CHIP 100 1608       |
| R606                | 1-216-864-91 | CONDUCTOR, CHIP 1608     |
| R607                | 1-216-809-91 | RES, CHIP 100 1608       |
| R608                | 1-216-812-91 | RES, CHIP 180 1608       |
| RB011               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB012               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB013               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB014               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB015               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB016               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB017               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB018               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB019               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB020               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB021               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB022               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB023               | 1-234-372-21 | RES, NETWORK 100 1005X4  |
| RB024               | 1-234-372-21 | RES, NETWORK 100 1005X4  |
| RB025               | 1-234-372-21 | RES, NETWORK 100 1005X4  |
| RB026               | 1-234-372-21 | RES, NETWORK 100 1005X4  |
| RB027               | 1-234-372-21 | RES, NETWORK 100 1005X4  |
| RB028               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB029               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB030               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB031               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB032               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB033               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB035               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB036               | 1-234-370-21 | RES, NETWORK 22 1005X4   |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| RB037               | 1-234-369-21 | RES, NETWORK 10 1005X4   |
| RB038               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB039               | 1-234-369-21 | RES, NETWORK 10 1005X4   |
| RB040               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB041               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB042               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB043               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB044               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB045               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB046               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB047               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB048               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB049               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB050               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB051               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB052               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB053               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB054               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB055               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB056               | 1-234-372-21 | RES, NETWORK 100 1005X4  |
| RB057               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB058               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB059               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB060               | 1-242-963-21 | RES, NETWORK 33 1005X4   |
| RB061               | 1-242-963-21 | RES, NETWORK 33 1005X4   |
| RB062               | 1-242-963-21 | RES, NETWORK 33 1005X4   |
| RB151               | 1-233-810-21 | RES, NETWORK 100K 3216   |
| RB152               | 1-233-810-21 | RES, NETWORK 100K 3216   |
| RB153               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB154               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB155               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB156               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB157               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB158               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB159               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB160               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB161               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB162               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB163               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB164               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB165               | 1-234-371-21 | RES, NETWORK 47 1005X4   |
| RB166               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB167               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB168               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB169               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB170               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB171               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB172               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB173               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB174               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB175               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB176               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB177               | 1-234-377-21 | RES, NETWORK 4.7K 1005X4 |
| RB250               | 1-234-378-21 | RES, NETWORK 10K 1005X4  |
| RB251               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB252               | 1-234-370-21 | RES, NETWORK 22 1005X4   |
| RB300               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB301               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB302               | 1-234-702-21 | RES, NETWORK 68 1005X4   |
| RB303               | 1-234-371-21 | RES, NETWORK 47 1005X4   |

## BC BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description      |        |
|---------------------|--------------|---------------------|--------|
| RB304               | 1-234-371-21 | RES, NETWORK 47     | 1005X4 |
| RB305               | 1-234-371-21 | RES, NETWORK 47     | 1005X4 |
| RB601               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB605               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB606               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB614               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB615               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB616               | 1-234-702-21 | RES, NETWORK 68     | 1005X4 |
| RB617               | 1-234-702-21 | RES, NETWORK 68     | 1005X4 |
| RB618               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB619               | 1-234-702-21 | RES, NETWORK 68     | 1005X4 |
| RB620               | 1-234-702-21 | RES, NETWORK 68     | 1005X4 |
| RB621               | 1-234-702-21 | RES, NETWORK 68     | 1005X4 |
| RB625               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB626               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB627               | 1-242-963-21 | RES, NETWORK 33     | 1005X4 |
| RB628               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB629               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB630               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB631               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB632               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB633               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB634               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RB635               | 1-234-370-21 | RES, NETWORK 22     | 1005X4 |
| RY301               | 1-755-145-21 | RELAY               |        |
| S201                | 1-554-123-11 | SWITCH, SLIDE       |        |
| TP001               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP007               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP008               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP011               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP150               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP151               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP152               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP250               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP251               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP300               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP302               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP306               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP307               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP308               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP309               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP350               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP351               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP352               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP353               | 1-535-877-22 | CHIP, CHECKER       |        |
| TP354               | 1-535-877-22 | CHIP, CHECKER       |        |
| X011                | 1-813-143-11 | OSCILLATOR, CRYSTAL |        |
| X012                | 1-781-829-22 | OSCILLATOR, CRYSTAL | SMD    |
| X250                | 1-795-983-11 | OSCILLATOR, CRYSTAL |        |
| X251                | 1-813-143-11 | OSCILLATOR, CRYSTAL |        |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |  |
|---------------------|--------------|--------------------------------|--|
| 1pc                 | A-1091-090-A | MOUNTED CIRCUIT BOARD, BK      |  |
| 5pcs                | 7-682-647-09 | SCREW +PS 3X6 SHIELD 5         |  |
| C001                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C002                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C003                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C004                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C005                | 1-100-202-21 | CAP, CHIP ELECT 330MF          |  |
| C006                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C007                | 1-115-670-21 | CAP, CHIP TYPE ELECT 220MF     |  |
| C008                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C009                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C010                | 1-115-670-21 | CAP, CHIP TYPE ELECT 220MF     |  |
| C011                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C012                | 1-100-202-21 | CAP, CHIP ELECT 330MF          |  |
| C013                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C014                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C015                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C016                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C017                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C018                | 1-100-202-21 | CAP, CHIP ELECT 330MF          |  |
| C019                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C020                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C021                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C022                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C023                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C024                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C025                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C026                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C027                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C028                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C029                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C030                | 1-162-927-91 | CAP, CERAMIC 100PF CH 1608     |  |
| C040                | 1-126-396-21 | CAP, CHIP ELECT 47MF 6.3X5.7   |  |
| C041                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C042                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C043                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C044                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C045                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C046                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C047                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C048                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C049                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C050                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C051                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C052                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C053                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C054                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C055                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C056                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C057                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C058                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C060                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |  |
| C061                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C062                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C063                | 1-126-392-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |  |
| C064                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C065                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C066                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |
| C067                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |  |

(BK BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                      |
|---------------------|--------------|----|----------------------------------|
| C168                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C169                | 1-162-922-91 | s  | CAP, CERAMIC 39PF CH 1608        |
| C200                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C201                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C202                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C203                | 1-115-340-91 | s  | CAP, CERAMIC 0.22MF B (2012      |
| C204                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C205                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C206                | 1-100-756-91 | s  | CAP, CHIP CERAMIC 47000PF B 1608 |
| C207                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C208                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C209                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C210                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C211                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C212                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C213                | 1-162-922-91 | s  | CAP, CERAMIC 39PF CH 1608        |
| C214                | 1-162-922-91 | s  | CAP, CERAMIC 39PF CH 1608        |
| C220                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C221                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C300                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C301                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C302                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C303                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C304                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C305                | 1-115-340-91 | s  | CAP, CERAMIC 0.22MF B (2012      |
| C306                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C307                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C308                | 1-100-756-91 | s  | CAP, CHIP CERAMIC 47000PF B 1608 |
| C309                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C310                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C311                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C312                | 1-126-391-21 | s  | CAP, CHIP ELECT 47MF (5X5.7      |
| C313                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C314                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C315                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C316                | 1-126-391-21 | s  | CAP, CHIP ELECT 47MF (5X5.7)     |
| C317                | 1-162-922-91 | s  | CAP, CERAMIC 39PF CH 1608        |
| C320                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C321                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C322                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C323                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C324                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C325                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C326                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C327                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C328                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C329                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C330                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C331                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C332                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C333                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C334                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C335                | 1-100-202-21 | s  | CAP, CHIP ELECT 330MF            |
| C336                | 1-126-392-21 | s  | CAP, CHIP ELECT 100MF 6.3X5.7    |
| C337                | 1-162-918-91 | s  | CAP, CERAMIC 18PF CH 1608        |
| C350                | 1-162-970-91 | s  | CAP, CERAMIC 10000PF B 1608      |
| C351                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C352                | 1-115-340-91 | s  | CAP, CERAMIC 0.22MF B (2012      |
| C353                | 1-100-566-91 | s  | CAP, CHIP CERAMIC 0.1MF B 1608   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C354                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C355                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C356                | 1-100-756-91 | § CAP,CHIPCERAMIC 47000PF B 1608 |
| C357                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C358                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C359                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C360                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C361                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C362                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C363                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C364                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C365                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C366                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C367                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C368                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C400                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C401                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C402                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C403                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012     |
| C404                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C405                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C406                | 1-100-756-91 | § CAP,CHIPCERAMIC 47000PF B 1608 |
| C407                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C408                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C409                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C410                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C411                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C412                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C413                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C414                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C420                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C421                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C422                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C500                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C501                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C502                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C503                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C504                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C505                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012     |
| C506                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C507                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C508                | 1-100-756-91 | § CAP,CHIPCERAMIC 47000PF B 1608 |
| C509                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C510                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C511                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C512                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C513                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C514                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C515                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C516                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C517                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C520                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C521                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C522                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C523                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C524                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C525                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C526                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C527                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C528                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C529                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C530                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C531                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C532                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C533                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C536                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C537                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C538                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C539                | 1-100-202-21 | § CAP, CHIP ELECT 330MF          |
| C541                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C543                | 1-162-918-91 | § CAP, CERAMIC 18PF CH 1608      |
| C550                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C551                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C552                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012     |
| C553                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C554                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C555                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C556                | 1-100-756-91 | § CAP,CHIPCERAMIC 47000PF B 1608 |
| C557                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C558                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C559                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C560                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C561                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C562                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C563                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C564                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C565                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C566                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C567                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C568                | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C600                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C601                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C602                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C603                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C604                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C605                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C606                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C607                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C608                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C609                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C610                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C611                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C612                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C613                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C614                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C615                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C616                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C617                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C618                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C619                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C620                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B        |
| C650                | 1-126-396-21 | § CAP, CHIP ELECT 47MF 6.3X5.7   |
| C651                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C652                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C653                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C654                | 1-127-738-91 | § CAP, CERAMIC 4700000PF B 3225  |
| C655                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C656                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| C657                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C658                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C700                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C701                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C702                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C703                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C704                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C705                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C706                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C707                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C708                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C709                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C710                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C711                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C712                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C713                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C714                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C715                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C716                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C717                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C718                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C719                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C720                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C721                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C722                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C723                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C724                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C725                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C726                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C727                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C740                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C741                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C742                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C743                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C744                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C745                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C746                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C747                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C748                | 1-135-960-91 | § CAP, CHIP CERAMIC 10MF B 3225    |
| C749                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C750                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C753                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C754                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C755                | 1-165-908-91 | § CAP, CERAMIC 1000000PF B 1608    |
| C756                | 1-115-416-91 | § CAP, CHIP CERAMIC 1000PF CH 1608 |
| C757                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7    |
| C758                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C759                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C761                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C762                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C763                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C764                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C765                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C766                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C767                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C768                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C769                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C770                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C771                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C772                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C773                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C774                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C775                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C776                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C777                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C778                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C779                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C780                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C781                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C782                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C783                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C800                | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608       |
| C801                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608      |
| C802                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C803                | 1-162-923-91 | § CAP, CERAMIC 47PF CH 1608       |
| C804                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C805                | 1-125-838-91 | § CAP, CHIP CERAMIC 2.2MF B 2012  |
| C806                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C807                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608      |
| C808                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608      |
| C809                | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608       |
| C810                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608      |
| C811                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608      |
| C812                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608      |
| C813                | 1-162-968-91 | § CAP, CHIP CERAMIC 4700PF B 1608 |
| C814                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C815                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C816                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C817                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C818                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225   |
| C819                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C820                | 1-127-820-91 | § CAP, CHIP CERAMIC 4.7MF B 3216  |
| C821                | 1-135-344-21 | § CAP, ELECT 270MF 10X8           |
| C822                | 1-135-960-91 | § CAP, CHIP CERAMIC 10MF B 3225   |
| C823                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C824                | 1-135-960-91 | § CAP, CHIP CERAMIC 10MF B 3225   |
| C825                | 1-135-344-21 | § CAP, ELECT 270MF 10X8           |
| C826                | 1-165-667-21 | § CAP, ELECT 100MF                |
| C827                | 1-165-668-21 | § CAP, ELECT 150MF                |
| C829                | 1-135-344-21 | § CAP, ELECT 270MF 10X8           |
| C831                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C832                | 1-100-202-21 | § CAP, CHIP ELECT 330MF           |
| C833                | 1-100-202-21 | § CAP, CHIP ELECT 330MF           |
| C834                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C835                | 1-126-401-21 | § CAP, CHIP ELECT 1MF 4X5.7       |
| C836                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C837                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C838                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7   |
| C839                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C840                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C900                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C901                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C902                | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7   |
| C903                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C904                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C905                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C906                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C907                | 1-128-590-21 | § CAP, CHIP ELECT 100MF           |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C908                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C909                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C910                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C911                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C912                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C913                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C914                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C915                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C916                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C917                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C918                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C919                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C920                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C921                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C922                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C923                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C924                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C925                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C926                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C927                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C928                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C929                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608     |
| C930                | 1-128-590-21 | § CAP, CHIP ELECT 100MF           |
| C931                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C932                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C933                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C934                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C935                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C936                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C937                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C940                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C941                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C942                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C943                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C944                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7   |
| C945                | 1-165-908-91 | § CAP, CERAMIC 1000000PF B 1608   |
| C946                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C947                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C948                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C949                | 1-115-416-91 | § CAP, CHIP CERAMIC1000PF CH 1608 |
| C950                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7   |
| C951                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C952                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C953                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C954                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C955                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C956                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C957                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C959                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C960                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C961                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C962                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C963                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C964                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C967                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C968                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012      |
| C969                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608  |
| C970                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7   |
| C971                | 1-165-908-91 | § CAP, CERAMIC 1000000PF B 1608   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C972                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C973                | 1-115-416-91 | § CAP,CHIP CERAMIC1000PF CH 1608 |
| C974                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C975                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012     |
| C976                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C977                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C978                | 1-126-390-21 | § CAP, CHIP ELECT 22MF 4X5.7     |
| C979                | 1-126-390-21 | § CAP, CHIP ELECT 22MF 4X5.7     |
| C1000               | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608      |
| C1001               | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C1002               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1003               | 1-162-923-91 | § CAP, CERAMIC 47PF CH 1608      |
| C1004               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1005               | 1-125-838-91 | § CAP, CHIP CERAMIC2.2MF B 2012  |
| C1006               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1007               | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C1008               | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C1009               | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608      |
| C1010               | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C1011               | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C1012               | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C1013               | 1-162-968-91 | § CAP,CHIP CERAMIC 4700PF B 1608 |
| C1014               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1015               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1016               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1017               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1018               | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C1019               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1020               | 1-127-820-91 | § CAP, CHIP CERAMIC 4.7MF B 3216 |
| C1021               | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C1022               | 1-135-960-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C1023               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1024               | 1-135-960-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C1025               | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C1026               | 1-165-667-21 | § CAP, ELECT 100MF               |
| C1027               | 1-165-668-21 | § CAP, ELECT 150MF               |
| C1029               | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C1031               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1032               | 1-100-202-21 | § CAP, CHIP ELECT 330MF          |
| C1033               | 1-100-202-21 | § CAP, CHIP ELECT 330MF          |
| C1034               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1035               | 1-126-401-21 | § CAP, CHIP ELECT 1MF 4X5.7      |
| C1036               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1037               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1038               | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C1039               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1099               | 1-162-922-91 | § CAP, CERAMIC 39PF CH 1608      |
| C1100               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1101               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1102               | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C1103               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1104               | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C1105               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1106               | 1-126-392-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C1107               | 1-100-756-91 | § CAP,CHIPCERAMIC 47000PF B 1608 |
| C1108               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1109               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1110               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1111               | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |



## BK BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C1515               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1517               | 1-162-922-91 | s CAP, CERAMIC 39PF CH 1608      |
| C1518               | 1-162-922-91 | s CAP, CERAMIC 39PF CH 1608      |
| C1519               | 1-100-202-21 | s CAP, CHIP ELECT 330MF          |
| C1540               | 1-137-980-91 | s CAP,CHIP CERAMIC 0.47MF B 3216 |
| C1541               | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B        |
| C1542               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1543               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1544               | 1-164-388-91 | s CAP, CERAMIC 270PF CH 1608     |
| C1545               | 1-162-968-91 | s CAP,CHIP CERAMIC 4700PF B 1608 |
| C1546               | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B        |
| C1547               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1548               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1570               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1571               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1572               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1573               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1574               | 1-100-756-91 | s CAP,CHIPCERAMIC 47000PF B 1608 |
| C1575               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1576               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1577               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1578               | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B        |
| C1579               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1580               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1581               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1582               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1583               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1584               | 1-100-163-91 | s CAP, CHIP CERAM 0.33MF B(2012) |
| C1585               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1586               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1587               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1588               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1589               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1590               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1591               | 1-162-924-91 | s CAP, CERAMIC 56PF CH 1608      |
| C1592               | 1-162-920-91 | s CAP, CERAMIC 27PF CH 1608      |
| C1593               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1594               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1595               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1596               | 1-100-756-91 | s CAP,CHIPCERAMIC 47000PF B 1608 |
| C1597               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1598               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1599               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1700               | 1-131-661-21 | s CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1701               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1702               | 1-131-661-21 | s CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1703               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1704               | 1-162-915-91 | s CAP, CERAMIC 10PF CH 1608      |
| C1705               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1706               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1707               | 1-164-218-91 | s CAP,CERAMIC 180PF CH 1608      |
| C1708               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1709               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1710               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1711               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1712               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1713               | 1-162-919-91 | s CAP, CERAMIC 22PF CH 1608      |
| C1714               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1715               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |

## (BK BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C1716               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1717               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1718               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1719               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1720               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1721               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1900               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1901               | 1-131-661-21 | s CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1902               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1903               | 1-131-661-21 | s CAP, CHIP ELECT 100MF(6.3X5.7, |
| C1904               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1905               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1906               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1907               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1908               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1909               | 1-126-391-21 | s CAP, CHIP ELECT 47MF (5X5.7)   |
| C1910               | 1-126-391-21 | s CAP, CHIP ELECT 47MF (5X5.7)   |
| C1911               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1912               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1913               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1914               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1915               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1916               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1917               | 1-164-218-91 | s CAP,CERAMIC 180PF CH 1608      |
| C1918               | 1-164-218-91 | s CAP,CERAMIC 180PF CH 1608      |
| C1919               | 1-164-218-91 | s CAP,CERAMIC 180PF CH 1608      |
| C1920               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1921               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1922               | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C1923               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1924               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1925               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1926               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1927               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1928               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1929               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1930               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1931               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1932               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1933               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1934               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1935               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1936               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1937               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1938               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1939               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1940               | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C1941               | 1-100-756-91 | s CAP,CHIPCERAMIC 47000PF B 1608 |
| C1942               | 1-100-756-91 | s CAP,CHIPCERAMIC 47000PF B 1608 |
| C1943               | 1-100-756-91 | s CAP,CHIPCERAMIC 47000PF B 1608 |
| C1944               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1945               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1946               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1947               | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| CN001               | 1-817-753-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN002               | 1-817-753-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN040               | 1-764-080-21 | o PIN, CONNECTOR (PC BOARD) 8P   |
| D040                | 8-719-064-52 | s DIODE CL-191YG-CD-T            |



## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP | Description             |
|---------------------|--------------|----|-------------------------|
| D151                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D152                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D351                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D352                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D551                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D552                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D600                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D601                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D602                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D604                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D700                | 8-719-064-52 | s  | DIODE CL-191YG-CD-T     |
| D740                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D800                | 8-719-027-76 | s  | DIODE 1SS357-TPH3       |
| D801                | 8-719-027-76 | s  | DIODE 1SS357-TPH3       |
| D802                | 8-719-073-92 | s  | DIODE RB060L-40TE25     |
| D803                | 8-719-073-92 | s  | DIODE RB060L-40TE25     |
| D804                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D805                | 8-719-404-50 | s  | DIODE MA111-TX          |
| D900                | 8-719-064-52 | s  | DIODE CL-191YG-CD-T     |
| D1000               | 8-719-027-76 | s  | DIODE 1SS357-TPH3       |
| D1001               | 8-719-027-76 | s  | DIODE 1SS357-TPH3       |
| D1002               | 8-719-073-92 | s  | DIODE RB060L-40TE25     |
| D1003               | 8-719-073-92 | s  | DIODE RB060L-40TE25     |
| D1004               | 8-719-404-50 | s  | DIODE MA111-TX          |
| D1005               | 8-719-404-50 | s  | DIODE MA111-TX          |
| D1140               | 8-719-404-50 | s  | DIODE MA111-TX          |
| D1340               | 8-719-404-50 | s  | DIODE MA111-TX          |
| D1540               | 8-719-404-50 | s  | DIODE MA111-TX          |
| F800                | 1-576-328-21 | s  | FUSE SMD 8A,125V        |
| F801                | 1-576-328-21 | s  | FUSE SMD 8A,125V        |
| F802                | 1-533-999-21 | s  | FUSE, SMD 2A,125V       |
| F1000               | 1-576-328-21 | s  | FUSE SMD 8A,125V        |
| F1001               | 1-576-328-21 | s  | FUSE SMD 8A,125V        |
| F1002               | 1-533-999-21 | s  | FUSE, SMD 2A,125V       |
| IC001               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7     |
| IC002               | 6-705-469-01 | s  | IC BA50BC0FP-E2         |
| IC003               | 8-759-539-89 | s  | IC LM2990SX-5.0         |
| IC004               | 6-705-469-01 | s  | IC BA50BC0FP-E2         |
| IC005               | 8-759-539-89 | s  | IC LM2990SX-5.0         |
| IC006               | 6-705-469-01 | s  | IC BA50BC0FP-E2         |
| IC007               | 8-759-539-89 | s  | IC LM2990SX-5.0         |
| IC008               | 6-705-469-01 | s  | IC BA50BC0FP-E2         |
| IC009               | 8-759-539-89 | s  | IC LM2990SX-5.0         |
| IC040               | 6-705-468-01 | s  | IC BA33BC0FP-E2         |
| IC041               | 8-759-679-54 | s  | IC SN74LVC14APWR        |
| IC042               | 6-709-436-01 | s  | IC LC4128V-5TN100CA1353 |
| IC043               | 6-705-027-01 | s  | IC BD4840FVE-TR         |
| IC044               | 8-759-592-46 | s  | IC TC7SZ05FU TE85R      |
| IC045               | 8-759-679-54 | s  | IC SN74LVC14APWR        |
| IC046               | 8-759-679-54 | s  | IC SN74LVC14APWR        |
| IC047               | 8-759-573-97 | s  | IC SN74LVC541APWR       |
| IC048               | 8-759-679-54 | s  | IC SN74LVC14APWR        |
| IC049               | 8-759-592-49 | s  | IC TC7SZ125FU TE85R     |
| IC050               | 6-706-489-01 | s  | IC TC7SH32FU T5RSOYJF   |
| IC051               | 6-708-748-01 | s  | IC BD4828FVE-TR         |
| IC100               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7     |
| IC101               | 8-759-523-02 | s  | IC TC74HC4053AFT EL     |
| IC102               | 8-759-669-73 | s  | IC TL082CPWR            |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP | Description         |
|---------------------|--------------|----|---------------------|
| IC103               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC120               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC121               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC122               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC123               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC124               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC125               | 6-707-129-01 | s  | IC AD8184ARZ-REEL7  |
| IC150               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC151               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC152               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC153               | 6-707-129-01 | s  | IC AD8184ARZ-REEL7  |
| IC200               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC201               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC202               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC220               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC300               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC301               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC302               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC303               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC320               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC321               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC322               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC323               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC324               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC325               | 6-707-129-01 | s  | IC AD8184ARZ-REEL7  |
| IC350               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC351               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC352               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC353               | 6-707-129-01 | s  | IC AD8184ARZ-REEL7  |
| IC400               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC401               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC402               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC420               | 8-759-564-49 | s  | IC TC7W53FU TE12R   |
| IC421               | 8-759-645-76 | s  | IC TC74VHCT32AFT    |
| IC500               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC501               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC502               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC503               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC520               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC521               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC522               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC523               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC524               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC525               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC527               | 6-707-129-01 | s  | IC AD8184ARZ-REEL7  |
| IC550               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC551               | 6-705-028-01 | s  | IC LMH6502MAX       |
| IC552               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC553               | 6-707-129-01 | s  | IC AD8184ARZ-REEL7  |
| IC600               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC601               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC602               | 8-759-564-49 | s  | IC TC7W53FU TE12R   |
| IC603               | 8-759-276-28 | s  | IC LM393PS-E20      |
| IC605               | 8-759-573-91 | s  | IC AD8055ARTZ-REEL7 |
| IC650               | 8-759-276-28 | s  | IC LM393PS-E20      |
| IC653               | 8-759-523-02 | s  | IC TC74HC4053AFT EL |
| IC654               | 8-759-669-73 | s  | IC TL082CPWR        |
| IC700               | 8-759-523-84 | s  | IC TC74VHC14FT EL   |
| IC701               | 8-759-491-46 | s  | IC TC74VHCT04AFT EL |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| IC704               | 8-759-523-84 | s IC TC74VHC14FT EL    |
| IC705               | 8-759-491-46 | s IC TC74VHCT04AFT EL  |
| IC740               | 6-704-006-01 | s IC BR24L64F-WE2      |
| IC742               | 6-700-394-01 | s IC BA25BC0FP-E2      |
| IC750               | 8-759-669-78 | s IC TLC2933IPWR-12    |
| IC760               | 8-759-669-73 | s IC TL082CPWR         |
| IC761               | 8-759-669-73 | s IC TL082CPWR         |
| IC762               | 8-759-669-73 | s IC TL082CPWR         |
| IC763               | 8-759-669-73 | s IC TL082CPWR         |
| IC764               | 8-759-669-73 | s IC TL082CPWR         |
| IC765               | 8-759-669-73 | s IC TL082CPWR         |
| IC800               | 6-702-510-01 | s IC TPS5120DBTRG4     |
| IC900               | 8-759-523-84 | s IC TC74VHC14FT EL    |
| IC903               | 8-759-523-80 | s IC TC74VHC04FT EL    |
| IC904               | 8-759-523-84 | s IC TC74VHC14FT EL    |
| IC905               | 8-759-490-41 | s IC TC74VHCT541AFT EL |
| IC906               | 8-759-490-41 | s IC TC74VHCT541AFT EL |
| IC907               | 6-700-387-01 | s IC EPC2LC20N-TP      |
| IC930               | 8-759-491-46 | s IC TC74VHCT04AFT EL  |
| IC931               | 8-759-669-73 | s IC TL082CPWR         |
| IC932               | 8-759-669-73 | s IC TL082CPWR         |
| IC933               | 8-759-669-73 | s IC TL082CPWR         |
| IC934               | 8-759-669-78 | s IC TLC2933IPWR-12    |
| IC935               | 8-759-669-73 | s IC TL082CPWR         |
| IC936               | 8-759-669-73 | s IC TL082CPWR         |
| IC937               | 8-759-669-73 | s IC TL082CPWR         |
| IC938               | 8-759-669-75 | s IC TLC2932IPWRG4     |
| IC939               | 8-759-669-73 | s IC TL082CPWR         |
| IC1000              | 6-702-510-01 | s IC TPS5120DBTRG4     |
| IC1100              | 6-707-130-01 | s IC LMH6503MAX,NOPB   |
| IC1101              | 6-705-028-01 | s IC LMH6502MAX        |
| IC1102              | 8-759-523-02 | s IC TC74HC4053AFT EL  |
| IC1103              | 8-759-573-91 | s IC AD8055ARTZ-REEL7  |
| IC1140              | 8-759-669-73 | s IC TL082CPWR         |
| IC1141              | 8-759-669-73 | s IC TL082CPWR         |
| IC1170              | 8-759-523-02 | s IC TC74HC4053AFT EL  |
| IC1171              | 8-759-276-28 | s IC LM393PS-E20       |
| IC1174              | 8-759-669-73 | s IC TL082CPWR         |
| IC1175              | 8-759-523-02 | s IC TC74HC4053AFT EL  |
| IC1176              | 8-759-669-73 | s IC TL082CPWR         |
| IC1177              | 8-759-573-91 | s IC AD8055ARTZ-REEL7  |
| IC1178              | 8-759-564-49 | s IC TC7W53FU TE12R    |
| IC1179              | 8-759-669-73 | s IC TL082CPWR         |
| IC1300              | 6-707-130-01 | s IC LMH6503MAX,NOPB   |
| IC1301              | 6-705-028-01 | s IC LMH6502MAX        |
| IC1302              | 8-759-523-02 | s IC TC74HC4053AFT EL  |
| IC1303              | 8-759-573-91 | s IC AD8055ARTZ-REEL7  |
| IC1340              | 8-759-669-73 | s IC TL082CPWR         |
| IC1341              | 8-759-669-73 | s IC TL082CPWR         |
| IC1370              | 8-759-523-02 | s IC TC74HC4053AFT EL  |
| IC1371              | 8-759-276-28 | s IC LM393PS-E20       |
| IC1374              | 8-759-669-73 | s IC TL082CPWR         |
| IC1375              | 8-759-523-02 | s IC TC74HC4053AFT EL  |
| IC1376              | 8-759-669-73 | s IC TL082CPWR         |
| IC1377              | 8-759-573-91 | s IC AD8055ARTZ-REEL7  |
| IC1378              | 8-759-564-49 | s IC TC7W53FU TE12R    |
| IC1379              | 8-759-669-73 | s IC TL082CPWR         |
| IC1500              | 6-707-130-01 | s IC LMH6503MAX NOPB   |
| IC1501              | 6-705-028-01 | s IC LMH6502MAX        |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| IC1502              | 8-759-523-02 | s IC TC74HC4053AFT EL            |
| IC1503              | 8-759-573-91 | s IC AD8055ARTZ-REEL7            |
| IC1540              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1541              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1570              | 8-759-523-02 | s IC TC74HC4053AFT EL            |
| IC1571              | 8-759-276-28 | s IC LM393PS-E20                 |
| IC1574              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1575              | 8-759-523-02 | s IC TC74HC4053AFT EL            |
| IC1576              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1577              | 8-759-573-91 | s IC AD8055ARTZ-REEL7            |
| IC1578              | 8-759-564-49 | s IC TC7W53FU TE12R              |
| IC1579              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1700              | 8-759-564-49 | s IC TC7W53FU TE12R              |
| IC1701              | 8-752-371-56 | s IC CXD1171M-TH                 |
| IC1900              | 8-752-414-92 | s IC CXD2309AQ-T6                |
| IC1901              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1902              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1903              | 8-759-669-73 | s IC TL082CPWR                   |
| IC1904              | 8-759-523-02 | s IC TC74HC4053AFT EL            |
| L040                | 1-412-955-21 | s INDUCTOR, SMALL TYPE 22UH 2520 |
| L740                | 1-416-345-21 | s COIL, CHOKE 22UH               |
| L750                | 1-412-029-22 | s CHIP INDUCTOR 10UH             |
| L800                | 1-469-848-21 | s INDUCTOR SMD                   |
| L801                | 1-469-848-21 | s INDUCTOR SMD                   |
| L802                | 1-469-848-21 | s INDUCTOR SMD                   |
| L803                | 1-469-848-21 | s INDUCTOR SMD                   |
| L804                | 1-469-848-21 | s INDUCTOR SMD                   |
| L931                | 1-412-029-22 | s CHIP INDUCTOR 10UH             |
| L932                | 1-412-029-22 | s CHIP INDUCTOR 10UH             |
| L1000               | 1-469-848-21 | s INDUCTOR SMD                   |
| L1001               | 1-469-848-21 | s INDUCTOR SMD                   |
| L1002               | 1-469-848-21 | s INDUCTOR SMD                   |
| L1003               | 1-469-848-21 | s INDUCTOR SMD                   |
| L1004               | 1-469-848-21 | s INDUCTOR SMD                   |
| L1700               | 1-412-029-22 | s CHIP INDUCTOR 10UH             |
| L1900               | 1-412-029-22 | s CHIP INDUCTOR 10UH             |
| Q040                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106      |
| Q041                | 8-729-028-73 | s TRANSISTOR DTA114EUA-T106      |
| Q042                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106      |
| Q043                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106      |
| Q044                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106      |
| Q150                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR    |
| Q151                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106      |
| Q152                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R        |
| Q153                | 8-729-140-86 | s TRANSISTOR 2SA1610-T1Y34       |
| Q153                | 8-729-143-09 | s TRANSISTOR 2SA1610-T1Y33       |
| Q154                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR    |
| Q155                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R        |
| Q350                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR    |
| Q351                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106      |
| Q352                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R        |
| Q353                | 8-729-140-86 | s TRANSISTOR 2SA1610-T1Y34       |
| Q353                | 8-729-143-09 | s TRANSISTOR 2SA1610-T1Y33       |
| Q354                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR    |
| Q550                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR    |
| Q551                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106      |
| Q552                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R        |
| Q553                | 8-729-140-86 | s TRANSISTOR 2SA1610-T1Y34       |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                   |
|---------------------|--------------|----|-------------------------------|
| Q553                | 8-729-143-09 | §  | TRANSISTOR 2SA1610-T1Y33      |
| Q554                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q650                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q651                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q652                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q653                | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R       |
| Q700                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q740                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q750                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q751                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q801                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q803                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q804                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q807                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q808                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q809                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q810                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106     |
| Q811                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q812                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106     |
| Q900                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q901                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q931                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q932                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q933                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q934                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q935                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q1001               | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q1003               | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q1004               | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q1007               | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q1008               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1009               | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q1010               | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106     |
| Q1011               | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106     |
| Q1012               | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q1100               | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q1101               | 8-729-140-86 | §  | TRANSISTOR 2SA1610-T1Y34      |
| Q1101               | 8-729-143-09 | §  | TRANSISTOR 2SA1610-T1Y33      |
| Q1102               | 8-729-144-81 | §  | TRANSISTOR 2SC4176T1B33B34B35 |
| Q1140               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R       |
| Q1141               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1300               | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q1301               | 8-729-140-86 | §  | TRANSISTOR 2SA1610-T1Y34      |
| Q1301               | 8-729-143-09 | §  | TRANSISTOR 2SA1610-T1Y33      |
| Q1302               | 8-729-144-81 | §  | TRANSISTOR 2SC4176T1B33B34B35 |
| Q1340               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R       |
| Q1341               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1500               | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106     |
| Q1501               | 8-729-140-86 | §  | TRANSISTOR 2SA1610-T1Y34      |
| Q1501               | 8-729-143-09 | §  | TRANSISTOR 2SA1610-T1Y33      |
| Q1502               | 8-729-144-81 | §  | TRANSISTOR 2SC4176T1B33B34B35 |
| Q1540               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R       |
| Q1541               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1700               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1701               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R       |
| Q1702               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1703               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q1704               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R       |
| Q1705               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                 |
|---------------------|--------------|----|-----------------------------|
| Q1706               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q1900               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1901               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1902               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1903               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1904               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1905               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1906               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1907               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1908               | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q1909               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q1910               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q1911               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q1912               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q1913               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q1914               | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| R001                | 1-218-867-91 | §  | RES, CHIP 6.8K 1608         |
| R002                | 1-218-859-91 | §  | RES, CHIP 3.3K 1608         |
| R003                | 1-216-809-91 | §  | RES, CHIP 100 1608          |
| R004                | 1-218-847-91 | §  | RES, CHIP 1.0K 1608         |
| R007                | 1-218-847-91 | §  | RES, CHIP 1.0K 1608         |
| R040                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608         |
| R041                | 1-216-841-91 | §  | RES, CHIP 47K 1608          |
| R042                | 1-216-841-91 | §  | RES, CHIP 47K 1608          |
| R043                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608        |
| R044                | 1-216-809-91 | §  | RES, CHIP 100 1608          |
| R045                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608         |
| R046                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608         |
| R047                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R049                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608        |
| R050                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R052                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608        |
| R053                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608        |
| R054                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608        |
| R055                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608        |
| R056                | 1-216-797-91 | §  | RES, CHIP 10 1608           |
| R058                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R059                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R060                | 1-216-829-91 | §  | RES, CHIP 4.7K 1608         |
| R061                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R062                | 1-216-825-91 | §  | RES, CHIP 2.2K 1608         |
| R063                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R064                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R065                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R066                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R067                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R068                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R069                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R070                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R071                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R072                | 1-216-809-91 | §  | RES, CHIP 100 1608          |
| R073                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R074                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R075                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R076                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R077                | 1-216-807-91 | §  | RES, CHIP 68 1608           |
| R078                | 1-216-801-91 | §  | RES, CHIP 22 1608           |
| R079                | 1-216-837-91 | §  | RES, CHIP 22K 1608          |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R080                | 1-216-801-91 | RES, CHIP 22 1608    |
| R081                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R082                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R084                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R089                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R090                | 1-216-837-91 | RES, CHIP 22K 1608   |
| R091                | 1-216-837-91 | RES, CHIP 22K 1608   |
| R094                | 1-218-875-91 | RES, CHIP 15K 1608   |
| R099                | 1-218-907-91 | RES, CHIP 330K 1608  |
| R100                | 1-218-827-91 | RES, CHIP 150 1608   |
| R101                | 1-216-809-91 | RES, CHIP 100 1608   |
| R102                | 1-218-827-91 | RES, CHIP 150 1608   |
| R103                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R104                | 1-218-837-91 | RES, CHIP 390 1608   |
| R105                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R106                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R107                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R108                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R109                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R110                | 1-218-849-91 | RES, CHIP 1.2K 1608  |
| R111                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R112                | 1-218-845-91 | RES, CHIP 820 1608   |
| R113                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R114                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R115                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R116                | 1-218-837-91 | RES, CHIP 390 1608   |
| R117                | 1-218-895-91 | RES, CHIP 100K 1608  |
| R118                | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R120                | 1-218-832-91 | RES, CHIP 240 1608   |
| R121                | 1-218-837-91 | RES, CHIP 390 1608   |
| R122                | 1-218-837-91 | RES, CHIP 390 1608   |
| R123                | 1-218-837-91 | RES, CHIP 390 1608   |
| R124                | 1-218-837-91 | RES, CHIP 390 1608   |
| R125                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R126                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R127                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R128                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R129                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R130                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R132                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R133                | 1-211-977-91 | RES, CHIP 22 1608    |
| R134                | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R135                | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R137                | 1-218-897-91 | RES, CHIP 120K 1608  |
| R138                | 1-218-891-91 | RES, CHIP 68K 1608   |
| R139                | 1-218-873-91 | RES, CHIP 12K 1608   |
| R140                | 1-218-835-91 | RES, CHIP 330 1608   |
| R141                | 1-218-831-91 | RES, CHIP 220 1608   |
| R149                | 1-218-833-91 | RES, CHIP 270 1608   |
| R150                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R151                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R152                | 1-216-813-91 | RES, CHIP 220 1608   |
| R153                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R154                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R155                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R156                | 1-218-845-91 | RES, CHIP 820 1608   |
| R157                | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R158                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R159                | 1-216-829-91 | RES, CHIP 4.7K 1608  |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R160                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R161                | 1-216-822-91 | RES, CHIP 1.2K 1608  |
| R162                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R163                | 1-216-809-91 | RES, CHIP 100 1608   |
| R164                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R165                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R166                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R167                | 1-218-853-91 | RES, CHIP 1.8K 1608  |
| R168                | 1-218-875-91 | RES, CHIP 15K 1608   |
| R169                | 1-218-867-91 | RES, CHIP 6.8K 1608  |
| R170                | 1-218-875-91 | RES, CHIP 15K 1608   |
| R171                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R172                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R173                | 1-216-809-91 | RES, CHIP 100 1608   |
| R174                | 1-218-895-91 | RES, CHIP 100K 1608  |
| R175                | 1-216-817-91 | RES, CHIP 470 1608   |
| R176                | 1-216-817-91 | RES, CHIP 470 1608   |
| R177                | 1-216-820-91 | RES, CHIP 820 1608   |
| R178                | 1-218-860-91 | RES, CHIP 3.6K 1608  |
| R179                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R181                | 1-218-823-91 | RES, CHIP 100 1608   |
| R200                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R201                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R202                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R203                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R204                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R205                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R206                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R207                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R208                | 1-218-849-91 | RES, CHIP 1.2K 1608  |
| R209                | 1-218-845-91 | RES, CHIP 820 1608   |
| R210                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R211                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R212                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R213                | 1-218-837-91 | RES, CHIP 390 1608   |
| R214                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R215                | 1-218-895-91 | RES, CHIP 100K 1608  |
| R216                | 1-218-823-91 | RES, CHIP 100 1608   |
| R218                | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R219                | 1-218-907-91 | RES, CHIP 330K 1608  |
| R220                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R221                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R300                | 1-218-827-91 | RES, CHIP 150 1608   |
| R301                | 1-216-809-91 | RES, CHIP 100 1608   |
| R302                | 1-218-827-91 | RES, CHIP 150 1608   |
| R303                | 1-218-837-91 | RES, CHIP 390 1608   |
| R304                | 1-218-856-91 | RES, CHIP 2.4K 1608  |
| R305                | 1-216-820-91 | RES, CHIP 820 1608   |
| R306                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R307                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R308                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R309                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R310                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R311                | 1-218-849-91 | RES, CHIP 1.2K 1608  |
| R312                | 1-218-845-91 | RES, CHIP 820 1608   |
| R313                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R314                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R315                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R316                | 1-218-837-91 | RES, CHIP 390 1608   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| R317                | 1-218-895-91 | RES, CHIP 100K (1608)  |
| R318                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R320                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R321                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R322                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R323                | 1-218-840-91 | RES, CHIP 510 (1608)   |
| R324                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R325                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R326                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R327                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R328                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R329                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R330                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R331                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R333                | 1-218-861-91 | RES, CHIP 3.9K (1608)  |
| R334                | 1-211-977-91 | RES, CHIP 22 (1608)    |
| R335                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R336                | 1-218-863-91 | RES, CHIP 4.7K (1608)  |
| R338                | 1-218-897-91 | RES, CHIP 120K (1608)  |
| R339                | 1-218-891-91 | RES, CHIP 68K (1608)   |
| R340                | 1-218-873-91 | RES, CHIP 12K (1608)   |
| R341                | 1-218-835-91 | RES, CHIP 330 (1608)   |
| R342                | 1-218-831-91 | RES, CHIP 220 (1608)   |
| R349                | 1-218-833-91 | RES, CHIP 270 (1608)   |
| R350                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R351                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R352                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R353                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R354                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R355                | 1-218-851-91 | RES, CHIP 1.5K (1608)  |
| R356                | 1-218-845-91 | RES, CHIP 820 (1608)   |
| R357                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R358                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R359                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R360                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R361                | 1-216-822-91 | RES, CHIP 1.2K (1608)  |
| R362                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R363                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R364                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R365                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R366                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R367                | 1-218-853-91 | RES, CHIP 1.8K (1608)  |
| R368                | 1-218-875-91 | RES, CHIP 15K (1608)   |
| R369                | 1-218-867-91 | RES, CHIP 6.8K (1608)  |
| R370                | 1-218-875-91 | RES, CHIP 15K (1608)   |
| R371                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R372                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R373                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R374                | 1-218-895-91 | RES, CHIP 100K (1608)  |
| R375                | 1-216-817-91 | RES, CHIP 470 (1608)   |
| R376                | 1-216-817-91 | RES, CHIP 470 (1608)   |
| R377                | 1-218-823-91 | RES, CHIP 100 (1608)   |
| R400                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R401                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R402                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R403                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R404                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R405                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R406                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |

## (BK BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| R407                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R408                | 1-218-849-91 | RES, CHIP 1.2K (1608)  |
| R409                | 1-218-845-91 | RES, CHIP 820 (1608)   |
| R410                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R411                | 1-218-851-91 | RES, CHIP 1.5K (1608)  |
| R412                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R413                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R414                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R415                | 1-218-895-91 | RES, CHIP 100K (1608)  |
| R416                | 1-218-823-91 | RES, CHIP 100 (1608)   |
| R417                | 1-218-907-91 | RES, CHIP 330K (1608)  |
| R418                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R420                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R421                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R500                | 1-218-827-91 | RES, CHIP 150 (1608)   |
| R501                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R502                | 1-218-827-91 | RES, CHIP 150 (1608)   |
| R503                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R504                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R505                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R506                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R507                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R508                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R509                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R510                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R511                | 1-218-849-91 | RES, CHIP 1.2K (1608)  |
| R512                | 1-218-845-91 | RES, CHIP 820 (1608)   |
| R513                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R514                | 1-218-851-91 | RES, CHIP 1.5K (1608)  |
| R515                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R516                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R517                | 1-218-895-91 | RES, CHIP 100K (1608)  |
| R518                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R520                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R521                | 1-218-830-91 | RES, CHIP 200 (1608)   |
| R522                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R523                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R524                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R525                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R526                | 1-218-837-91 | RES, CHIP 390 (1608)   |
| R527                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R528                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R529                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R530                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R531                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R532                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R534                | 1-218-861-91 | RES, CHIP 3.9K (1608)  |
| R535                | 1-211-977-91 | RES, CHIP 22 (1608)    |
| R536                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R537                | 1-218-863-91 | RES, CHIP 4.7K (1608)  |
| R539                | 1-218-897-91 | RES, CHIP 120K (1608)  |
| R540                | 1-218-891-91 | RES, CHIP 68K (1608)   |
| R541                | 1-218-873-91 | RES, CHIP 12K (1608)   |
| R542                | 1-218-835-91 | RES, CHIP 330 (1608)   |
| R543                | 1-218-831-91 | RES, CHIP 220 (1608)   |
| R544                | 1-218-907-91 | RES, CHIP 330K (1608)  |
| R549                | 1-218-833-91 | RES, CHIP 270 (1608)   |
| R550                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R551                | 1-216-833-91 | RES, CHIP 10K (1608)   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R552                | 1-216-813-91 | RES, CHIP 220 1608   |
| R553                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R554                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R555                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R556                | 1-218-845-91 | RES, CHIP 820 1608   |
| R557                | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R558                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R559                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R560                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R561                | 1-216-822-91 | RES, CHIP 1.2K 1608  |
| R562                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R563                | 1-216-809-91 | RES, CHIP 100 1608   |
| R564                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R565                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R566                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R567                | 1-218-853-91 | RES, CHIP 1.8K 1608  |
| R568                | 1-218-875-91 | RES, CHIP 15K 1608   |
| R569                | 1-218-867-91 | RES, CHIP 6.8K 1608  |
| R570                | 1-218-875-91 | RES, CHIP 15K 1608   |
| R571                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R572                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R573                | 1-216-809-91 | RES, CHIP 100 1608   |
| R574                | 1-218-895-91 | RES, CHIP 100K 1608  |
| R575                | 1-216-817-91 | RES, CHIP 470 1608   |
| R576                | 1-216-817-91 | RES, CHIP 470 1608   |
| R577                | 1-218-823-91 | RES, CHIP 100 1608   |
| R600                | 1-216-857-91 | RES, CHIP 1.0M 1608  |
| R601                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R602                | 1-216-834-91 | RES, CHIP 12K 1608   |
| R603                | 1-216-813-91 | RES, CHIP 220 1608   |
| R604                | 1-218-883-91 | RES, CHIP 33K 1608   |
| R605                | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R607                | 1-216-813-91 | RES, CHIP 220 1608   |
| R608                | 1-218-873-91 | RES, CHIP 12K 1608   |
| R609                | 1-218-875-91 | RES, CHIP 15K 1608   |
| R610                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R611                | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R612                | 1-218-873-91 | RES, CHIP 12K 1608   |
| R613                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R614                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R616                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R617                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R618                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R619                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R621                | 1-218-919-91 | RES, CHIP 1M 1608    |
| R622                | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R650                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R651                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R652                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R653                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R654                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R655                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R656                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R657                | 1-216-830-91 | RES, CHIP 5.6K 1608  |
| R658                | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R659                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R660                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R661                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R662                | 1-216-825-91 | RES, CHIP 2.2K 1608  |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R663                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R664                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R665                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R666                | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R667                | 1-216-809-91 | RES, CHIP 100 1608   |
| R668                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R669                | 1-216-827-91 | RES, CHIP 3.3K 1608  |
| R670                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R700                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R701                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R702                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R703                | 1-216-801-91 | RES, CHIP 22 1608    |
| R704                | 1-216-801-91 | RES, CHIP 22 1608    |
| R705                | 1-216-801-91 | RES, CHIP 22 1608    |
| R706                | 1-216-801-91 | RES, CHIP 22 1608    |
| R707                | 1-216-837-91 | RES, CHIP 22K 1608   |
| R708                | 1-216-801-91 | RES, CHIP 22 1608    |
| R709                | 1-216-801-91 | RES, CHIP 22 1608    |
| R710                | 1-216-801-91 | RES, CHIP 22 1608    |
| R711                | 1-216-801-91 | RES, CHIP 22 1608    |
| R712                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R713                | 1-216-801-91 | RES, CHIP 22 1608    |
| R714                | 1-216-801-91 | RES, CHIP 22 1608    |
| R715                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R716                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R717                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R718                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R719                | 1-216-815-91 | RES, CHIP 330 1608   |
| R720                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R721                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R722                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R723                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R724                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R725                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R726                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R727                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R728                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R729                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R730                | 1-216-809-91 | RES, CHIP 100 1608   |
| R731                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R732                | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R733                | 1-211-977-91 | RES, CHIP 22 1608    |
| R734                | 1-211-977-91 | RES, CHIP 22 1608    |
| R735                | 1-211-977-91 | RES, CHIP 22 1608    |
| R741                | 1-216-815-91 | RES, CHIP 330 1608   |
| R742                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R743                | 1-216-797-91 | RES, CHIP 10 1608    |
| R744                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R745                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R746                | 1-216-815-91 | RES, CHIP 330 1608   |
| R747                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R748                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R749                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R751                | 1-216-845-91 | RES, CHIP 100K 1608  |
| R752                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R753                | 1-216-857-91 | RES, CHIP 1.0M 1608  |
| R754                | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R755                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R756                | 1-218-871-91 | RES, CHIP 10K 1608   |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R757                | 1-216-797-91 | RES, CHIP 10 1608          |
| R758                | 1-218-863-91 | RES, CHIP 4.7K 1608        |
| R759                | 1-218-869-91 | RES, CHIP 8.2K 1608        |
| R760                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R761                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R762                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R763                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R764                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R765                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R766                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R767                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R768                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R769                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R770                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R771                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R772                | 1-216-815-91 | RES, CHIP 330 1608         |
| R800                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R801                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R804                | 1-218-889-91 | RES, CHIP 56K 1608         |
| R805                | 1-218-907-91 | RES, CHIP 330K 1608        |
| R806                | 1-218-867-91 | RES, CHIP 6.8K 1608        |
| R807                | 1-218-901-91 | RES, CHIP 180K 1608        |
| R808                | 1-218-873-91 | RES, CHIP 12K 1608         |
| R809                | 1-218-879-91 | RES, CHIP 22K 1608         |
| R810                | 1-218-875-91 | RES, CHIP 15K 1608         |
| R811                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R812                | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R813                | 1-218-875-91 | RES, CHIP 15K 1608         |
| R814                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R815                | 1-218-863-91 | RES, CHIP 4.7K 1608        |
| R816                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R817                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R818                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R819                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R820                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R822                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R823                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R824                | 1-216-809-91 | RES, CHIP 100 1608         |
| R825                | 1-219-706-21 | RES, CHIP SQUARE TYPE 0.10 |
| R826                | 1-218-871-91 | RES, CHIP 10K 1608         |
| R828                | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R829                | 1-218-887-91 | RES, CHIP 47K 1608         |
| R830                | 1-216-841-91 | RES, CHIP 47K 1608         |
| R900                | 1-216-805-91 | RES, CHIP 47 1608          |
| R901                | 1-216-805-91 | RES, CHIP 47 1608          |
| R902                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R903                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R904                | 1-216-801-91 | RES, CHIP 22 1608          |
| R905                | 1-216-801-91 | RES, CHIP 22 1608          |
| R906                | 1-216-801-91 | RES, CHIP 22 1608          |
| R907                | 1-216-801-91 | RES, CHIP 22 1608          |
| R908                | 1-216-801-91 | RES, CHIP 22 1608          |
| R909                | 1-216-801-91 | RES, CHIP 22 1608          |
| R910                | 1-216-801-91 | RES, CHIP 22 1608          |
| R911                | 1-216-801-91 | RES, CHIP 22 1608          |
| R912                | 1-216-801-91 | RES, CHIP 22 1608          |
| R913                | 1-216-809-91 | RES, CHIP 100 1608         |
| R914                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R915                | 1-216-833-91 | RES, CHIP 10K 1608         |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R916                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R917                | 1-216-805-91 | RES, CHIP 47 1608    |
| R918                | 1-216-801-91 | RES, CHIP 22 1608    |
| R919                | 1-216-801-91 | RES, CHIP 22 1608    |
| R920                | 1-216-805-91 | RES, CHIP 47 1608    |
| R921                | 1-216-805-91 | RES, CHIP 47 1608    |
| R922                | 1-216-805-91 | RES, CHIP 47 1608    |
| R923                | 1-216-805-91 | RES, CHIP 47 1608    |
| R924                | 1-216-809-91 | RES, CHIP 100 1608   |
| R925                | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R926                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R927                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R928                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R929                | 1-216-809-91 | RES, CHIP 100 1608   |
| R930                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R931                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R932                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R933                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R934                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R935                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R936                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R937                | 1-216-817-91 | RES, CHIP 470 1608   |
| R938                | 1-216-817-91 | RES, CHIP 470 1608   |
| R939                | 1-216-797-91 | RES, CHIP 10 1608    |
| R940                | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R941                | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R942                | 1-216-857-91 | RES, CHIP 1.0M 1608  |
| R943                | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R944                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R945                | 1-218-871-91 | RES, CHIP 10K 1608   |
| R946                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R947                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R948                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R949                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R950                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R951                | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R952                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R953                | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R954                | 1-216-817-91 | RES, CHIP 470 1608   |
| R955                | 1-216-817-91 | RES, CHIP 470 1608   |
| R956                | 1-216-797-91 | RES, CHIP 10 1608    |
| R957                | 1-218-873-91 | RES, CHIP 12K 1608   |
| R958                | 1-218-873-91 | RES, CHIP 12K 1608   |
| R959                | 1-216-833-91 | RES, CHIP 10K 1608   |
| R960                | 1-218-865-91 | RES, CHIP 5.6K 1608  |
| R961                | 1-218-865-91 | RES, CHIP 5.6K 1608  |
| R962                | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R963                | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R964                | 1-218-919-91 | RES, CHIP 1M 1608    |
| R965                | 1-216-813-91 | RES, CHIP 220 1608   |
| R966                | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R967                | 1-216-813-91 | RES, CHIP 220 1608   |
| R968                | 1-218-859-91 | RES, CHIP 3.3K 1608  |
| R969                | 1-218-859-91 | RES, CHIP 3.3K 1608  |
| R970                | 1-211-977-91 | RES, CHIP 22 1608    |
| R971                | 1-211-977-91 | RES, CHIP 22 1608    |
| R972                | 1-211-977-91 | RES, CHIP 22 1608    |
| R973                | 1-216-837-91 | RES, CHIP 22K 1608   |
| R974                | 1-218-857-91 | RES, CHIP 2.7K 1608  |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R975                | 1-218-857-91 | RES, CHIP 2.7K 1608        |
| R1000               | 1-216-833-91 | RES, CHIP 10K 1608         |
| R1001               | 1-216-833-91 | RES, CHIP 10K 1608         |
| R1004               | 1-218-881-91 | RES, CHIP 27K 1608         |
| R1005               | 1-218-905-91 | RES, CHIP 270K 1608        |
| R1006               | 1-218-867-91 | RES, CHIP 6.8K 1608        |
| R1007               | 1-218-901-91 | RES, CHIP 180K 1608        |
| R1008               | 1-218-873-91 | RES, CHIP 12K 1608         |
| R1009               | 1-218-879-91 | RES, CHIP 22K 1608         |
| R1010               | 1-218-875-91 | RES, CHIP 15K 1608         |
| R1011               | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R1012               | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R1013               | 1-218-875-91 | RES, CHIP 15K 1608         |
| R1014               | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R1015               | 1-218-863-91 | RES, CHIP 4.7K 1608        |
| R1016               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1017               | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R1018               | 1-216-833-91 | RES, CHIP 10K 1608         |
| R1019               | 1-216-833-91 | RES, CHIP 10K 1608         |
| R1020               | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R1022               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1024               | 1-216-809-91 | RES, CHIP 100 1608         |
| R1025               | 1-219-706-21 | RES, CHIP SQUARE TYPE 0.10 |
| R1026               | 1-218-871-91 | RES, CHIP 10K 1608         |
| R1028               | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R1029               | 1-218-887-91 | RES, CHIP 47K 1608         |
| R1030               | 1-216-837-91 | RES, CHIP 22K 1608         |
| R1031               | 1-216-841-91 | RES, CHIP 47K 1608         |
| R1099               | 1-218-823-91 | RES, CHIP 100 1608         |
| R1100               | 1-216-809-91 | RES, CHIP 100 1608         |
| R1102               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1103               | 1-218-851-91 | RES, CHIP 1.5K 1608        |
| R1104               | 1-218-850-91 | RES, CHIP 1.3K 1608        |
| R1105               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1106               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1107               | 1-218-847-91 | RES, CHIP 1.0K 1608        |
| R1108               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1109               | 1-218-851-91 | RES, CHIP 1.5K 1608        |
| R1110               | 1-218-848-91 | RES, CHIP 1.1K 1608        |
| R1111               | 1-218-823-91 | RES, CHIP 100 1608         |
| R1114               | 1-218-847-91 | RES, CHIP 1.0K 1608        |
| R1115               | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R1116               | 1-218-869-91 | RES, CHIP 8.2K 1608        |
| R1117               | 1-218-893-91 | RES, CHIP 82K 1608         |
| R1118               | 1-216-801-91 | RES, CHIP 22 1608          |
| R1119               | 1-218-889-91 | RES, CHIP 56K 1608         |
| R1120               | 1-218-833-91 | RES, CHIP 270 1608         |
| R1122               | 1-218-823-91 | RES, CHIP 100 1608         |
| R1123               | 1-218-837-91 | RES, CHIP 390 1608         |
| R1124               | 1-216-828-91 | RES, CHIP 3.9K 1608        |
| R1125               | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R1126               | 1-216-809-91 | RES, CHIP 100 1608         |
| R1127               | 1-218-841-91 | RES, CHIP 560 1608         |
| R1128               | 1-218-841-91 | RES, CHIP 560 1608         |
| R1130               | 1-218-827-91 | RES, CHIP 150 1608         |
| R1131               | 1-218-827-91 | RES, CHIP 150 1608         |
| R1140               | 1-218-891-91 | RES, CHIP 68K 1608         |
| R1141               | 1-216-833-91 | RES, CHIP 10K 1608         |
| R1142               | 1-218-903-91 | RES, CHIP 220K 1608        |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R1143               | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R1144               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1145               | 1-218-891-91 | RES, CHIP 68K 1608   |
| R1146               | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R1147               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1148               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1149               | 1-218-839-91 | RES, CHIP 470 1608   |
| R1150               | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R1151               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1153               | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R1154               | 1-216-831-91 | RES, CHIP 6.8K 1608  |
| R1155               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1158               | 1-218-865-91 | RES, CHIP 5.6K 1608  |
| R1159               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1161               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1170               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1171               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1172               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1173               | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R1174               | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R1175               | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R1176               | 1-218-843-91 | RES, CHIP 680 1608   |
| R1177               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1178               | 1-218-887-91 | RES, CHIP 47K 1608   |
| R1179               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1180               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1181               | 1-216-837-91 | RES, CHIP 22K 1608   |
| R1182               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1183               | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R1184               | 1-218-873-91 | RES, CHIP 12K 1608   |
| R1185               | 1-218-867-91 | RES, CHIP 6.8K 1608  |
| R1186               | 1-218-899-91 | RES, CHIP 150K 1608  |
| R1187               | 1-218-893-91 | RES, CHIP 82K 1608   |
| R1188               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1189               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1190               | 1-218-837-91 | RES, CHIP 390 1608   |
| R1300               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1302               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1303               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1304               | 1-218-850-91 | RES, CHIP 1.3K 1608  |
| R1305               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1306               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1307               | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R1308               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1309               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1310               | 1-218-848-91 | RES, CHIP 1.1K 1608  |
| R1311               | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R1312               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1313               | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R1314               | 1-218-893-91 | RES, CHIP 82K 1608   |
| R1315               | 1-216-801-91 | RES, CHIP 22 1608    |
| R1316               | 1-218-889-91 | RES, CHIP 56K 1608   |
| R1317               | 1-218-833-91 | RES, CHIP 270 1608   |
| R1318               | 1-218-823-91 | RES, CHIP 100 1608   |
| R1319               | 1-218-837-91 | RES, CHIP 390 1608   |
| R1320               | 1-216-828-91 | RES, CHIP 3.9K 1608  |
| R1321               | 1-218-849-91 | RES, CHIP 1.2K 1608  |
| R1322               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1323               | 1-218-841-91 | RES, CHIP 560 1608   |



## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R1325               | 1-218-827-91 | RES, CHIP 150 1608   |
| R1326               | 1-218-827-91 | RES, CHIP 150 1608   |
| R1327               | 1-218-841-91 | RES, CHIP 560 1608   |
| R1328               | 1-218-823-91 | RES, CHIP 100 1608   |
| R1329               | 1-218-823-91 | RES, CHIP 100 1608   |
| R1340               | 1-218-891-91 | RES, CHIP 68K 1608   |
| R1341               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1342               | 1-218-903-91 | RES, CHIP 220K 1608  |
| R1343               | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R1344               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1345               | 1-218-891-91 | RES, CHIP 68K 1608   |
| R1346               | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R1347               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1348               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1349               | 1-218-839-91 | RES, CHIP 470 1608   |
| R1350               | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R1351               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1352               | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R1353               | 1-216-831-91 | RES, CHIP 6.8K 1608  |
| R1354               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1356               | 1-218-865-91 | RES, CHIP 5.6K 1608  |
| R1357               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1358               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1370               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1371               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1372               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1373               | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R1374               | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R1375               | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R1376               | 1-218-843-91 | RES, CHIP 680 1608   |
| R1377               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1378               | 1-218-887-91 | RES, CHIP 47K 1608   |
| R1379               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1380               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1381               | 1-216-837-91 | RES, CHIP 22K 1608   |
| R1382               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1383               | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R1384               | 1-218-873-91 | RES, CHIP 12K 1608   |
| R1385               | 1-218-867-91 | RES, CHIP 6.8K 1608  |
| R1386               | 1-218-899-91 | RES, CHIP 150K 1608  |
| R1387               | 1-218-893-91 | RES, CHIP 82K 1608   |
| R1388               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1389               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1390               | 1-218-837-91 | RES, CHIP 390 1608   |
| R1500               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1502               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1503               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1504               | 1-218-850-91 | RES, CHIP 1.3K 1608  |
| R1505               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1506               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1507               | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R1508               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1509               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1510               | 1-218-848-91 | RES, CHIP 1.1K 1608  |
| R1511               | 1-218-847-91 | RES, CHIP 1.0K 1608  |
| R1512               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1513               | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R1514               | 1-218-893-91 | RES, CHIP 82K 1608   |
| R1515               | 1-216-801-91 | RES, CHIP 22 1608    |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| R1516               | 1-218-889-91 | RES, CHIP 56K 1608   |
| R1517               | 1-218-833-91 | RES, CHIP 270 1608   |
| R1518               | 1-218-823-91 | RES, CHIP 100 1608   |
| R1519               | 1-218-837-91 | RES, CHIP 390 1608   |
| R1520               | 1-216-828-91 | RES, CHIP 3.9K 1608  |
| R1521               | 1-218-849-91 | RES, CHIP 1.2K 1608  |
| R1522               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1523               | 1-218-841-91 | RES, CHIP 560 1608   |
| R1525               | 1-218-827-91 | RES, CHIP 150 1608   |
| R1526               | 1-218-827-91 | RES, CHIP 150 1608   |
| R1527               | 1-218-841-91 | RES, CHIP 560 1608   |
| R1528               | 1-218-823-91 | RES, CHIP 100 1608   |
| R1529               | 1-218-823-91 | RES, CHIP 100 1608   |
| R1540               | 1-218-891-91 | RES, CHIP 68K 1608   |
| R1541               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1542               | 1-218-903-91 | RES, CHIP 220K 1608  |
| R1543               | 1-216-821-91 | RES, CHIP 1.0K 1608  |
| R1544               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1545               | 1-218-891-91 | RES, CHIP 68K 1608   |
| R1546               | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R1547               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1548               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1549               | 1-218-839-91 | RES, CHIP 470 1608   |
| R1550               | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R1551               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1552               | 1-218-855-91 | RES, CHIP 2.2K 1608  |
| R1553               | 1-216-831-91 | RES, CHIP 6.8K 1608  |
| R1554               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1556               | 1-218-865-91 | RES, CHIP 5.6K 1608  |
| R1557               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1558               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1570               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1571               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1572               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1573               | 1-218-861-91 | RES, CHIP 3.9K 1608  |
| R1574               | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R1575               | 1-218-863-91 | RES, CHIP 4.7K 1608  |
| R1576               | 1-218-843-91 | RES, CHIP 680 1608   |
| R1577               | 1-218-871-91 | RES, CHIP 10K 1608   |
| R1578               | 1-218-887-91 | RES, CHIP 47K 1608   |
| R1579               | 1-216-864-91 | CONDUCTOR, CHIP 1608 |
| R1580               | 1-216-833-91 | RES, CHIP 10K 1608   |
| R1581               | 1-216-837-91 | RES, CHIP 22K 1608   |
| R1582               | 1-216-813-91 | RES, CHIP 220 1608   |
| R1583               | 1-218-869-91 | RES, CHIP 8.2K 1608  |
| R1584               | 1-218-873-91 | RES, CHIP 12K 1608   |
| R1585               | 1-218-867-91 | RES, CHIP 6.8K 1608  |
| R1586               | 1-218-899-91 | RES, CHIP 150K 1608  |
| R1587               | 1-218-893-91 | RES, CHIP 82K 1608   |
| R1588               | 1-218-851-91 | RES, CHIP 1.5K 1608  |
| R1589               | 1-216-829-91 | RES, CHIP 4.7K 1608  |
| R1590               | 1-218-837-91 | RES, CHIP 390 1608   |
| R1700               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1701               | 1-216-828-91 | RES, CHIP 3.9K 1608  |
| R1702               | 1-216-809-91 | RES, CHIP 100 1608   |
| R1703               | 1-218-858-91 | RES, CHIP 3.0K 1608  |
| R1704               | 1-216-825-91 | RES, CHIP 2.2K 1608  |
| R1705               | 1-211-989-91 | RES, CHIP 68 1608    |
| R1706               | 1-218-845-91 | RES, CHIP 820 1608   |

## BK BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| R1707               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1708               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1709               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1710               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1711               | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R1712               | 1-211-989-91 | s RES, CHIP 68 (1608)    |
| R1713               | 1-211-989-91 | s RES, CHIP 68 (1608)    |
| R1714               | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R1715               | 1-216-797-91 | s RES, CHIP 10 (1608)    |
| R1716               | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R1717               | 1-216-797-91 | s RES, CHIP 10 (1608)    |
| R1718               | 1-218-858-91 | s RES, CHIP 3.0K (1608)  |
| R1719               | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R1720               | 1-218-845-91 | s RES, CHIP 820 (1608)   |
| R1721               | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R1722               | 1-216-828-91 | s RES, CHIP 3.9K (1608)  |
| R1723               | 1-216-828-91 | s RES, CHIP 3.9K (1608)  |
| R1724               | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R1725               | 1-216-797-91 | s RES, CHIP 10 (1608)    |
| R1726               | 1-218-859-91 | s RES, CHIP 3.3K (1608)  |
| R1727               | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R1728               | 1-218-830-91 | s RES, CHIP 200 (1608)   |
| R1729               | 1-218-865-91 | s RES, CHIP 5.6K (1608)  |
| R1730               | 1-218-846-91 | s RES, CHIP 910 (1608)   |
| R1731               | 1-216-797-91 | s RES, CHIP 10 (1608)    |
| R1732               | 1-216-797-91 | s RES, CHIP 10 (1608)    |
| R1900               | 1-218-830-91 | s RES, CHIP 200 (1608)   |
| R1901               | 1-218-830-91 | s RES, CHIP 200 (1608)   |
| R1902               | 1-218-830-91 | s RES, CHIP 200 (1608)   |
| R1903               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1904               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1905               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1906               | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R1907               | 1-218-847-91 | s RES, CHIP 1.0K (1608)  |
| R1908               | 1-218-859-91 | s RES, CHIP 3.3K (1608)  |
| R1909               | 1-218-851-91 | s RES, CHIP 1.5K (1608)  |
| R1910               | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R1911               | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R1912               | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R1913               | 1-216-828-91 | s RES, CHIP 3.9K (1608)  |
| R1914               | 1-216-828-91 | s RES, CHIP 3.9K (1608)  |
| R1915               | 1-216-828-91 | s RES, CHIP 3.9K (1608)  |
| R1916               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1917               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1918               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1919               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1920               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1921               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1922               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1923               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1924               | 1-216-818-91 | s RES, CHIP 560 (1608)   |
| R1925               | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R1926               | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R1927               | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R1928               | 1-218-865-91 | s RES, CHIP 5.6K (1608)  |
| R1929               | 1-218-865-91 | s RES, CHIP 5.6K (1608)  |
| R1930               | 1-218-865-91 | s RES, CHIP 5.6K (1608)  |
| R1931               | 1-218-863-91 | s RES, CHIP 4.7K (1608)  |
| R1932               | 1-218-843-91 | s RES, CHIP 680 (1608)   |

## (BK BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R1933               | 1-218-863-91 | s RES, CHIP 4.7K (1608)        |
| R1934               | 1-218-843-91 | s RES, CHIP 680 (1608)         |
| R1935               | 1-218-863-91 | s RES, CHIP 4.7K (1608)        |
| R1936               | 1-218-843-91 | s RES, CHIP 680 (1608)         |
| R1937               | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R1938               | 1-216-822-91 | s RES, CHIP 1.2K (1608)        |
| R1939               | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R1940               | 1-216-822-91 | s RES, CHIP 1.2K (1608)        |
| R1941               | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R1942               | 1-216-822-91 | s RES, CHIP 1.2K (1608)        |
| R1943               | 1-218-853-91 | s RES, CHIP 1.8K (1608)        |
| R1944               | 1-218-859-91 | s RES, CHIP 3.3K (1608)        |
| R1945               | 1-218-853-91 | s RES, CHIP 1.8K (1608)        |
| R1946               | 1-218-853-91 | s RES, CHIP 1.8K (1608)        |
| R1947               | 1-218-859-91 | s RES, CHIP 3.3K (1608)        |
| R1948               | 1-218-859-91 | s RES, CHIP 3.3K (1608)        |
| R1949               | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R1950               | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R1951               | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R1952               | 1-216-809-91 | s RES, CHIP 100 (1608)         |
| R1953               | 1-216-809-91 | s RES, CHIP 100 (1608)         |
| R1954               | 1-216-809-91 | s RES, CHIP 100 (1608)         |
| R1955               | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R1956               | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R1957               | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R1959               | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R1961               | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R1963               | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R2193               | 1-216-817-91 | s RES, CHIP 470 (1608)         |
| R2194               | 1-216-817-91 | s RES, CHIP 470 (1608)         |
| RB040               | 1-233-416-21 | s RES, CHIP NETWORK 22K (3216  |
| RB041               | 1-233-415-21 | s RES, CHIP NETWORK 10K (3216  |
| RB042               | 1-233-416-21 | s RES, CHIP NETWORK 22K (3216) |
| RB043               | 1-233-416-21 | s RES, CHIP NETWORK 22K (3216  |
| RB044               | 1-233-423-21 | s RES, CHIP NETWORK 47 (3216,  |
| RB045               | 1-233-423-21 | s RES, CHIP NETWORK 47 (3216   |
| RB046               | 1-233-423-21 | s RES, CHIP NETWORK 47 (3216   |
| RB047               | 1-233-575-21 | s RES, CHIP NETWORK 22 (3216   |
| RB048               | 1-233-575-21 | s RES, CHIP NETWORK 22 (3216   |
| RB049               | 1-233-880-21 | s RES, NETWORK 68 (3216)       |
| RB050               | 1-233-880-21 | s RES, NETWORK 68 (3216)       |
| RB051               | 1-233-423-21 | s RES, CHIP NETWORK 47 (3216   |
| RB052               | 1-233-423-21 | s RES, CHIP NETWORK 47 (3216   |
| RB053               | 1-233-880-21 | s RES, NETWORK 68 (3216)       |
| RB054               | 1-233-413-21 | s RES, CHIP NETWORK 2.2K (3216 |
| RB055               | 1-233-413-21 | s RES, CHIP NETWORK 2.2K 3216  |
| RB056               | 1-233-413-21 | s RES, CHIP NETWORK 2.2K 3216  |
| RB700               | 1-234-370-21 | s RES, NETWORK 22 (1005X4      |
| RB701               | 1-234-370-21 | s RES, NETWORK 22 (1005X4      |
| RB702               | 1-234-370-21 | s RES, NETWORK 22 (1005X4      |
| RB703               | 1-234-370-21 | s RES, NETWORK 22 (1005X4      |
| RB900               | 1-234-371-21 | s RES, NETWORK 47 (1005X4      |
| RB901               | 1-234-371-21 | s RES, NETWORK 47 (1005X4      |
| RB902               | 1-234-370-21 | s RES, NETWORK 22 (1005X4      |
| RB903               | 1-234-370-21 | s RES, NETWORK 22 (1005X4      |
| RB904               | 1-234-371-21 | s RES, NETWORK 47 (1005X4      |
| RB905               | 1-234-371-21 | s RES, NETWORK 47 (1005X4      |
| RB906               | 1-234-371-21 | s RES, NETWORK 47 (1005X4      |
| RB907               | 1-234-371-21 | s RES, NETWORK 47 (1005X4      |

## BK BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| RB908               | 1-234-371-21 | RES, NETWORK 47 1005X4      |
| RB909               | 1-234-371-21 | RES, NETWORK 47 1005X4      |
| RB910               | 1-234-371-21 | RES, NETWORK 47 1005X4      |
| RB911               | 1-234-371-21 | RES, NETWORK 47 1005X4      |
| RB912               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| S740                | 1-771-709-21 | SWITCH, SLIDE               |
| TP001               | 1-535-877-22 | CHIP, CHECKER               |
| TP002               | 1-535-877-22 | CHIP, CHECKER               |
| TP003               | 1-535-877-22 | CHIP, CHECKER               |
| TP004               | 1-535-877-22 | CHIP, CHECKER               |
| TP005               | 1-535-877-22 | CHIP, CHECKER               |
| TP006               | 1-535-877-22 | CHIP, CHECKER               |
| TP007               | 1-535-877-22 | CHIP, CHECKER               |
| TP008               | 1-535-877-22 | CHIP, CHECKER               |
| TP009               | 1-535-877-22 | CHIP, CHECKER               |
| TP010               | 1-535-877-22 | CHIP, CHECKER               |
| TP011               | 1-535-757-21 | CHIP, CHECKER               |
| TP012               | 1-535-877-22 | CHIP, CHECKER               |
| TP040               | 1-535-757-21 | CHIP, CHECKER               |
| TP041               | 1-535-757-21 | CHIP, CHECKER               |
| TP042               | 1-535-877-22 | CHIP, CHECKER               |
| TP100               | 1-535-757-21 | CHIP, CHECKER               |
| TP101               | 1-535-757-21 | CHIP, CHECKER               |
| TP120               | 1-535-757-21 | CHIP, CHECKER               |
| TP121               | 1-535-877-22 | CHIP, CHECKER               |
| TP150               | 1-535-757-21 | CHIP, CHECKER               |
| TP200               | 1-535-757-21 | CHIP, CHECKER               |
| TP300               | 1-535-757-21 | CHIP, CHECKER               |
| TP301               | 1-535-757-21 | CHIP, CHECKER               |
| TP320               | 1-535-757-21 | CHIP, CHECKER               |
| TP321               | 1-535-877-22 | CHIP, CHECKER               |
| TP350               | 1-535-757-21 | CHIP, CHECKER               |
| TP400               | 1-535-757-21 | CHIP, CHECKER               |
| TP500               | 1-535-757-21 | CHIP, CHECKER               |
| TP501               | 1-535-757-21 | CHIP, CHECKER               |
| TP520               | 1-535-757-21 | CHIP, CHECKER               |
| TP521               | 1-535-877-22 | CHIP, CHECKER               |
| TP550               | 1-535-757-21 | CHIP, CHECKER               |
| TP600               | 1-535-757-21 | CHIP, CHECKER               |
| TP601               | 1-535-757-21 | CHIP, CHECKER               |
| TP602               | 1-535-877-22 | CHIP, CHECKER               |
| TP650               | 1-535-757-21 | CHIP, CHECKER               |
| TP651               | 1-535-757-21 | CHIP, CHECKER               |
| TP800               | 1-535-877-22 | CHIP, CHECKER               |
| TP801               | 1-535-877-22 | CHIP, CHECKER               |
| TP802               | 1-535-877-22 | CHIP, CHECKER               |
| TP1000              | 1-535-877-22 | CHIP, CHECKER               |
| TP1001              | 1-535-877-22 | CHIP, CHECKER               |
| TP1100              | 1-535-757-21 | CHIP, CHECKER               |
| TP1300              | 1-535-757-21 | CHIP, CHECKER               |
| TP1500              | 1-535-757-21 | CHIP, CHECKER               |
| TP1900              | 1-535-757-21 | CHIP, CHECKER               |
| TP1901              | 1-535-757-21 | CHIP, CHECKER               |
| TP1902              | 1-535-757-21 | CHIP, CHECKER               |
| X040                | 1-795-984-11 | OSCILLATOR, CRYSTAL         |
| X740                | 1-795-984-11 | OSCILLATOR, CRYSTAL         |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description  |
|---------------------|--------------|---|
| 1pc                 | A-1166-053-A | MOUNTED CIRCUIT BOARD, CA   |
| 2pcs                | 3-648-057-00 | NUT ISO-4, U  |
| 2pcs                | 7-682-566-04 | SCREW +B4X20  |
| 18pcs               | 4-382-854-01 | SCREW M3X8, P, SW +   |
|                     |              | IC704 1, Q103 1, Q105 1, Q106 1, Q303 1, Q305 1, Q306 1, Q503 1, Q505 1, Q506 1, R115 1, R315 1, R515 1, HEAT SINK 1, HEATSINK ASSY 4 |
| 4pcs                | 7-682-647-09 | SCREW +PS 3X6 SHIELD 4  |
| C101                | 1-111-244-91 | CAP, ELECT 47MF   |
| C102                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C103                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C104                | 1-127-738-91 | CAP, CERAMIC 4700000PF B 3225   |
| C105                | 1-107-944-91 | CAP, ELECT 22MF   |
| C106                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C107                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C108                | 1-164-390-91 | CAP, CERAMIC 330PF CH 1608  |
| C110                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C111                | 1-127-738-91 | CAP, CERAMIC 4700000PF B 3225   |
| C112                | 1-162-914-91 | CAP, CERAMIC 9.0PF CH 1608  |
| C113                | 1-162-925-91 | CAP, CERAMIC 68PF CH 1608   |
| C114                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C115                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C116                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C117                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C301                | 1-111-244-91 | CAP, ELECT 47MF   |
| C302                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C303                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C304                | 1-127-738-91 | CAP, CERAMIC 4700000PF B 3225   |
| C305                | 1-107-944-91 | CAP, ELECT 22MF   |
| C306                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C307                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C308                | 1-164-390-91 | CAP, CERAMIC 330PF CH 1608  |
| C310                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C311                | 1-127-738-91 | CAP, CERAMIC 4700000PF B 3225   |
| C312                | 1-162-914-91 | CAP, CERAMIC 9.0PF CH 1608  |
| C313                | 1-162-925-91 | CAP, CERAMIC 68PF CH 1608   |
| C314                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C315                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C316                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C317                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C501                | 1-111-244-91 | CAP, ELECT 47MF   |
| C502                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C503                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C504                | 1-127-738-91 | CAP, CERAMIC 4700000PF B 3225   |
| C505                | 1-107-944-91 | CAP, ELECT 22MF   |
| C506                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C507                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C508                | 1-164-390-91 | CAP, CERAMIC 330PF CH 1608  |
| C510                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C511                | 1-127-738-91 | CAP, CERAMIC 4700000PF B 3225   |
| C512                | 1-162-914-91 | CAP, CERAMIC 9.0PF CH 1608  |
| C513                | 1-162-925-91 | CAP, CERAMIC 68PF CH 1608   |
| C514                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C515                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C516                | 1-104-760-91 | CAP, CERAMIC 47000PF B 2012   |
| C517                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C701                | 1-128-526-91 | CAP, ELECT 100MF  |
| C702                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C703                | 1-107-882-91 | Ⓢ CAP, ELECT 100MF               |
| C704                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C705                | 1-128-526-91 | Ⓢ CAP, ELECT 100MF               |
| C706                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C707                | 1-107-882-91 | Ⓢ CAP, ELECT 100MF               |
| C708                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C709                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C710                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C711                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C712                | 1-107-943-91 | Ⓢ CAP, ELECT 10MF                |
| C713                | 1-107-943-91 | Ⓢ CAP, ELECT 10MF                |
| C714                | 1-107-364-91 | Ⓢ CAP, PETP FILM 0.01MF          |
| C715                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C716                | 1-107-882-91 | Ⓢ CAP, ELECT 100MF               |
| C717                | 1-107-942-91 | Ⓢ CAP, ELECT 4.7MF               |
| C718                | 1-107-943-91 | Ⓢ CAP, ELECT 10MF                |
| C719                | 1-107-882-91 | Ⓢ CAP, ELECT 100MF               |
| C720                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C721                | 1-107-882-91 | Ⓢ CAP, ELECT 100MF               |
| C722                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C723                | 1-107-882-91 | Ⓢ CAP, ELECT 100MF               |
| C724                | 1-100-566-91 | Ⓢ CAP, CHIP CERAMIC 0.1MF B 1608 |
| CN101               | 1-564-507-71 | ○ PLUG, CONNECTOR 4P             |
| CN301               | 1-564-507-51 | ○ PLUG, CONNECTOR 4P             |
| CN501               | 1-564-507-61 | ○ PLUG, CONNECTOR 4P             |
| CN701               | 1-817-753-11 | ○ CONNECTOR, BOARD TO BOARD 100P |
| CN702               | 1-564-509-51 | ○ PLUG, CONNECTOR 6P             |
| D101                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D103                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D104                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D105                | 8-719-161-05 | Ⓢ DIODE RD8.2SB-T1               |
| D106                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D107                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D108                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D109                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D301                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D303                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D304                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D305                | 8-719-161-05 | Ⓢ DIODE RD8.2SB-T1               |
| D306                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D307                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D308                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D309                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D501                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D503                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D504                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D505                | 8-719-161-05 | Ⓢ DIODE RD8.2SB-T1               |
| D506                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D507                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D508                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D509                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D701                | 8-719-037-22 | Ⓢ DIODE RD12SB-T1                |
| D702                | 8-719-037-22 | Ⓢ DIODE RD12SB-T1                |
| D703                | 8-719-063-74 | Ⓢ DIODE DINL20U-TR2              |
| D704                | 8-719-404-50 | Ⓢ DIODE MA111-TX                 |
| D705                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D706                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D707                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |
| D708                | 8-719-074-48 | Ⓢ DIODE HSU83TRF                 |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| F701                | 1-533-998-21 | Ⓢ FUSE, SMD 1A 125V           |
| F702                | 1-533-900-21 | Ⓢ FUSE 0.25A 125V             |
| F703                | 1-533-900-21 | Ⓢ FUSE 0.25A 125V             |
| F704                | 1-533-900-21 | Ⓢ FUSE 0.25A 125V             |
| F705                | 1-533-900-21 | Ⓢ FUSE 0.25A 125V             |
| IC101               | 8-759-332-59 | Ⓢ IC LT1252CS8-E2             |
| IC301               | 8-759-332-59 | Ⓢ IC LT1252CS8-E2             |
| IC501               | 8-759-332-59 | Ⓢ IC LT1252CS8-E2             |
| IC701               | 6-702-295-01 | Ⓢ IC NJM78M12DL1A-TE1         |
| IC702               | 8-759-276-28 | Ⓢ IC LM393PS-E20              |
| IC703               | 8-759-539-89 | Ⓢ IC LM2990SX-5.0             |
| IC704               | 6-707-184-01 | Ⓢ IC LM2426TE,NOPB            |
| IC705               | 6-700-792-01 | Ⓢ IC NJM78M09DL1A TE1         |
| IC706               | 6-700-792-01 | Ⓢ IC NJM78M09DL1A TE1         |
| IC707               | 6-700-792-01 | Ⓢ IC NJM78M09DL1A TE1         |
| L101                | 1-412-990-41 | Ⓢ INDUCTOR, SMALL TYPE 8.2UH  |
| L301                | 1-412-990-41 | Ⓢ INDUCTOR, SMALL TYPE 8.2UH  |
| L501                | 1-412-990-41 | Ⓢ INDUCTOR, SMALL TYPE 8.2UH  |
| Q101                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q102                | 8-729-809-23 | Ⓢ TRANSISTOR 2SC3950-E        |
| Q103                | 8-729-019-70 | Ⓢ TRANSISTOR 2SC3955-DE       |
| Q104                | 8-729-809-23 | Ⓢ TRANSISTOR 2SC3950-E        |
| Q105                | 8-729-019-70 | Ⓢ TRANSISTOR 2SC3955-DE       |
| Q106                | 8-729-823-07 | Ⓢ TRANSISTOR 2SA1540-DE       |
| Q107                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q108                | 8-729-019-95 | Ⓢ TRANSISTOR 2SK1589-L-T1B    |
| Q109                | 8-729-112-85 | Ⓢ TRANSISTOR 2SA1330-T106     |
| Q110                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q111                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q112                | 8-729-140-86 | Ⓢ TRANSISTOR 2SA1610-T1Y34    |
| Q112                | 8-729-143-09 | Ⓢ TRANSISTOR 2SA1610-T1Y33    |
| Q301                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q302                | 8-729-809-23 | Ⓢ TRANSISTOR 2SC3950-E        |
| Q303                | 8-729-019-70 | Ⓢ TRANSISTOR 2SC3955-DE       |
| Q304                | 8-729-809-23 | Ⓢ TRANSISTOR 2SC3950-E        |
| Q305                | 8-729-019-70 | Ⓢ TRANSISTOR 2SC3955-DE       |
| Q306                | 8-729-823-07 | Ⓢ TRANSISTOR 2SA1540-DE       |
| Q307                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q308                | 8-729-019-95 | Ⓢ TRANSISTOR 2SK1589-L-T1B    |
| Q309                | 8-729-112-85 | Ⓢ TRANSISTOR 2SA1330-T106     |
| Q310                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q311                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q312                | 8-729-140-86 | Ⓢ TRANSISTOR 2SA1610-T1Y34    |
| Q312                | 8-729-143-09 | Ⓢ TRANSISTOR 2SA1610-T1Y33    |
| Q501                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q502                | 8-729-809-23 | Ⓢ TRANSISTOR 2SC3950-E        |
| Q503                | 8-729-019-70 | Ⓢ TRANSISTOR 2SC3955-DE       |
| Q504                | 8-729-809-23 | Ⓢ TRANSISTOR 2SC3950-E        |
| Q505                | 8-729-019-70 | Ⓢ TRANSISTOR 2SC3955-DE       |
| Q506                | 8-729-823-07 | Ⓢ TRANSISTOR 2SA1540-DE       |
| Q507                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q508                | 8-729-019-95 | Ⓢ TRANSISTOR 2SK1589-L-T1B    |
| Q509                | 8-729-112-85 | Ⓢ TRANSISTOR 2SA1330-T106     |
| Q510                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q511                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |
| Q512                | 8-729-140-86 | Ⓢ TRANSISTOR 2SA1610-T1Y34    |
| Q512                | 8-729-143-09 | Ⓢ TRANSISTOR 2SA1610-T1Y33    |
| Q701                | 8-729-903-68 | Ⓢ TRANSISTOR 2SD982           |
| Q702                | 8-729-026-53 | Ⓢ TRANSISTOR 2SA1576A-T106-QR |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| R101                | 1-218-899-91 | RES, CHIP 150K 1608       |
| R102                | 1-218-827-91 | RES, CHIP 150 1608        |
| R103                | 1-216-809-91 | RES, CHIP 100 1608        |
| R104                | 1-216-828-91 | RES, CHIP 3.9K 1608       |
| R105                | 1-216-813-91 | RES, CHIP 220 1608        |
| R106                | 1-218-849-91 | RES, CHIP 1.2K 1608       |
| R107                | 1-218-839-91 | RES, CHIP 470 1608        |
| R108                | 1-218-851-91 | RES, CHIP 1.5K 1608       |
| R109                | 1-218-847-91 | RES, CHIP 1.0K 1608       |
| R110                | 1-218-847-91 | RES, CHIP 1.0K 1608       |
| R111                | 1-216-809-91 | RES, CHIP 100 1608        |
| R112                | 1-218-831-91 | RES, CHIP 220 1608        |
| R113                | 1-218-827-91 | RES, CHIP 150 1608        |
| R114                | 1-214-828-81 | RES, METAL FILM 33        |
| R115                | 1-245-948-11 | RES, METAL FILM 1.8K      |
| R116                | 1-218-827-91 | RES, CHIP 150 1608        |
| R117                | 1-211-981-91 | RES, CHIP 33 1608         |
| R118                | 1-216-801-91 | RES, CHIP 22 1608         |
| R119                | 1-216-801-91 | RES, CHIP 22 1608         |
| R120                | 1-215-863-71 | RES, METAL OXIDE FILM 100 |
| R121                | 1-216-799-91 | RES, CHIP 15 1608         |
| R122                | 1-216-799-91 | RES, CHIP 15 1608         |
| R123                | 1-215-863-71 | RES, METAL OXIDE FILM 100 |
| R124                | 1-216-853-91 | RES, CHIP 470K 1608       |
| R125                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R126                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R127                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R128                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R129                | 1-218-865-91 | RES, CHIP 5.6K 1608       |
| R130                | 1-216-830-91 | RES, CHIP 5.6K 1608       |
| R131                | 1-216-809-91 | RES, CHIP 100 1608        |
| R132                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R133                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R134                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R135                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R136                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R137                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R138                | 1-249-409-91 | RES, CARBON SMALL 220     |
| R139                | 1-218-865-91 | RES, CHIP 5.6K 1608       |
| R140                | 1-216-830-91 | RES, CHIP 5.6K 1608       |
| R141                | 1-216-809-91 | RES, CHIP 100 1608        |
| R142                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R143                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R144                | 1-240-929-91 | RES, SURGE RESISTANT 68   |
| R145                | 1-211-989-91 | RES, CHIP 68 1608         |
| R146                | 1-211-989-91 | RES, CHIP 68 1608         |
| R147                | 1-214-824-81 | RES, METAL FILM 22        |
| R148                | 1-211-977-91 | RES, CHIP 22 1608         |
| R149                | 1-218-823-91 | RES, CHIP 100 1608        |
| R150                | 1-218-839-91 | RES, CHIP 470 1608        |
| R151                | 1-216-809-91 | RES, CHIP 100 1608        |
| R152                | 1-216-817-91 | RES, CHIP 470 1608        |
| R153                | 1-216-817-91 | RES, CHIP 470 1608        |
| R154                | 1-216-864-91 | CONDUCTOR, CHIP 1608      |
| R301                | 1-218-899-91 | RES, CHIP 150K 1608       |
| R302                | 1-218-827-91 | RES, CHIP 150 1608        |
| R303                | 1-216-809-91 | RES, CHIP 100 1608        |
| R304                | 1-216-828-91 | RES, CHIP 3.9K 1608       |
| R305                | 1-216-813-91 | RES, CHIP 220 1608        |
| R306                | 1-218-849-91 | RES, CHIP 1.2K 1608       |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| R307                | 1-218-839-91 | RES, CHIP 470 1608        |
| R308                | 1-218-851-91 | RES, CHIP 1.5K 1608       |
| R309                | 1-218-847-91 | RES, CHIP 1.0K 1608       |
| R310                | 1-218-847-91 | RES, CHIP 1.0K 1608       |
| R311                | 1-216-809-91 | RES, CHIP 100 1608        |
| R312                | 1-218-831-91 | RES, CHIP 220 1608        |
| R313                | 1-218-827-91 | RES, CHIP 150 1608        |
| R314                | 1-214-828-81 | RES, METAL FILM 33        |
| R315                | 1-245-948-11 | RES, METAL FILM 1.8K      |
| R316                | 1-218-827-91 | RES, CHIP 150 1608        |
| R317                | 1-211-981-91 | RES, CHIP 33 1608         |
| R318                | 1-216-801-91 | RES, CHIP 22 1608         |
| R319                | 1-216-801-91 | RES, CHIP 22 1608         |
| R320                | 1-215-863-71 | RES, METAL OXIDE FILM 100 |
| R321                | 1-216-799-91 | RES, CHIP 15 1608         |
| R322                | 1-216-799-91 | RES, CHIP 15 1608         |
| R323                | 1-215-863-71 | RES, METAL OXIDE FILM 100 |
| R324                | 1-216-853-91 | RES, CHIP 470K 1608       |
| R325                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R326                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R327                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R328                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R329                | 1-218-865-91 | RES, CHIP 5.6K 1608       |
| R330                | 1-216-830-91 | RES, CHIP 5.6K 1608       |
| R331                | 1-216-809-91 | RES, CHIP 100 1608        |
| R332                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R333                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R334                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R335                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R336                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R337                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R338                | 1-249-409-91 | RES, CARBON SMALL 220     |
| R339                | 1-218-865-91 | RES, CHIP 5.6K 1608       |
| R340                | 1-216-830-91 | RES, CHIP 5.6K 1608       |
| R341                | 1-216-809-91 | RES, CHIP 100 1608        |
| R342                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R343                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R344                | 1-240-929-91 | RES, SURGE RESISTANT 68   |
| R345                | 1-211-989-91 | RES, CHIP 68 1608         |
| R346                | 1-211-989-91 | RES, CHIP 68 1608         |
| R347                | 1-214-824-81 | RES, METAL FILM 22        |
| R348                | 1-211-977-91 | RES, CHIP 22 1608         |
| R349                | 1-218-823-91 | RES, CHIP 100 1608        |
| R350                | 1-218-839-91 | RES, CHIP 470 1608        |
| R351                | 1-216-809-91 | RES, CHIP 100 1608        |
| R352                | 1-216-817-91 | RES, CHIP 470 1608        |
| R353                | 1-216-817-91 | RES, CHIP 470 1608        |
| R354                | 1-216-864-91 | CONDUCTOR, CHIP 1608      |
| R501                | 1-218-899-91 | RES, CHIP 150K 1608       |
| R502                | 1-218-827-91 | RES, CHIP 150 1608        |
| R503                | 1-216-809-91 | RES, CHIP 100 1608        |
| R504                | 1-216-828-91 | RES, CHIP 3.9K 1608       |
| R505                | 1-216-813-91 | RES, CHIP 220 1608        |
| R506                | 1-218-849-91 | RES, CHIP 1.2K 1608       |
| R507                | 1-218-839-91 | RES, CHIP 470 1608        |
| R508                | 1-218-851-91 | RES, CHIP 1.5K 1608       |
| R509                | 1-218-847-91 | RES, CHIP 1.0K 1608       |
| R510                | 1-218-847-91 | RES, CHIP 1.0K 1608       |
| R511                | 1-216-809-91 | RES, CHIP 100 1608        |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| R512                | 1-218-831-91 | RES, CHIP 220 1608        |
| R513                | 1-218-827-91 | RES, CHIP 150 1608        |
| R514                | 1-214-828-81 | RES, METAL FILM 33        |
| R515                | 1-245-948-11 | RES, METAL FILM 1.8K      |
| R516                | 1-218-827-91 | RES, CHIP 150 1608        |
| R517                | 1-211-981-91 | RES, CHIP 33 1608         |
| R518                | 1-216-801-91 | RES, CHIP 22 1608         |
| R519                | 1-216-801-91 | RES, CHIP 22 1608         |
| R520                | 1-215-863-71 | RES, METAL OXIDE FILM 100 |
| R521                | 1-216-799-91 | RES, CHIP 15 1608         |
| R522                | 1-216-799-91 | RES, CHIP 15 1608         |
| R523                | 1-215-863-71 | RES, METAL OXIDE FILM 100 |
| R524                | 1-216-853-91 | RES, CHIP 470K 1608       |
| R525                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R526                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R527                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R528                | 1-218-887-91 | RES, CHIP 47K 1608        |
| R529                | 1-218-865-91 | RES, CHIP 5.6K 1608       |
| R530                | 1-216-830-91 | RES, CHIP 5.6K 1608       |
| R531                | 1-216-809-91 | RES, CHIP 100 1608        |
| R532                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R533                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R534                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R535                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R536                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R537                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R538                | 1-249-409-91 | RES, CARBON SMALL 220     |
| R539                | 1-218-865-91 | RES, CHIP 5.6K 1608       |
| R540                | 1-216-830-91 | RES, CHIP 5.6K 1608       |
| R541                | 1-216-809-91 | RES, CHIP 100 1608        |
| R542                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R543                | 1-216-847-91 | RES, CHIP 150K 1608       |
| R544                | 1-240-929-91 | RES, SURGE RESISTANT 68   |
| R545                | 1-211-989-91 | RES, CHIP 68 1608         |
| R546                | 1-211-989-91 | RES, CHIP 68 1608         |
| R547                | 1-214-824-81 | RES, METAL FILM 22        |
| R548                | 1-211-977-91 | RES, CHIP 22 1608         |
| R549                | 1-218-823-91 | RES, CHIP 100 1608        |
| R550                | 1-218-839-91 | RES, CHIP 470 1608        |
| R551                | 1-216-809-91 | RES, CHIP 100 1608        |
| R552                | 1-216-817-91 | RES, CHIP 470 1608        |
| R553                | 1-216-817-91 | RES, CHIP 470 1608        |
| R554                | 1-216-864-91 | CONDUCTOR, CHIP 1608      |
| R701                | 1-216-809-91 | RES, CHIP 100 1608        |
| R707                | 1-249-383-91 | RES, CARBON SMALL 1.5     |
| R708                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R709                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R710                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R711                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R712                | 1-218-871-91 | RES, CHIP 10K 1608        |
| R713                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R714                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R715                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R716                | 1-218-891-91 | RES, CHIP 68K 1608        |
| R717                | 1-218-877-91 | RES, CHIP 18K 1608        |
| R718                | 1-216-864-91 | CONDUCTOR, CHIP 1608      |
| R719                | 1-216-833-91 | RES, CHIP 10K 1608        |
| R720                | 1-216-833-91 | RES, CHIP 10K 1608        |
| R721                | 1-218-883-91 | RES, CHIP 33K 1608        |

## CA BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R722                | 1-218-873-91 | RES, CHIP 12K 1608           |
| R723                | 1-249-429-91 | RES, CARBON SMALL 10K        |
| R724                | 1-218-839-91 | RES, CHIP 470 1608           |
| R725                | 1-218-823-91 | RES, CHIP 100 1608           |
| R726                | 1-218-839-91 | RES, CHIP 470 1608           |
| R727                | 1-218-855-91 | RES, CHIP 2.2K 1608          |
| R729                | 1-218-855-91 | RES, CHIP 2.2K 1608          |
| R730                | 1-216-850-91 | RES, CHIP 270K 1608          |
| R731                | 1-216-850-91 | RES, CHIP 270K 1608          |
| R732                | 1-216-851-91 | RES, CHIP 330K 1608          |
| R733                | 1-216-851-91 | RES, CHIP 330K 1608          |
| R734                | 1-216-851-91 | RES, CHIP 330K 1608          |
| R735                | 1-219-743-91 | RESISTOR SURGE RESISTANT 100 |
| R736                | 1-219-743-91 | RESISTOR SURGE RESISTANT 100 |
| R737                | 1-216-809-91 | RES, CHIP 100 1608           |
| R738                | 1-216-829-91 | RES, CHIP 4.7K 1608          |
| TP101               | 1-535-877-22 | CHIP, CHECKER                |
| TP102               | 1-535-877-22 | CHIP, CHECKER                |
| TP301               | 1-535-877-22 | CHIP, CHECKER                |
| TP302               | 1-535-877-22 | CHIP, CHECKER                |
| TP303               | 1-535-877-22 | CHIP, CHECKER                |
| TP501               | 1-535-877-22 | CHIP, CHECKER                |
| TP502               | 1-535-877-22 | CHIP, CHECKER                |
| TP701               | 1-535-877-22 | CHIP, CHECKER                |
| TP702               | 1-535-877-22 | CHIP, CHECKER                |
| TP703               | 1-535-877-22 | CHIP, CHECKER                |
| TP704               | 1-535-877-22 | CHIP, CHECKER                |
| TP705               | 1-535-877-22 | CHIP, CHECKER                |
| TP706               | 1-535-877-22 | CHIP, CHECKER                |
| TP707               | 1-535-877-22 | CHIP, CHECKER                |
| TP708               | 1-535-877-22 | CHIP, CHECKER                |
| TP709               | 1-535-877-22 | CHIP, CHECKER                |

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C BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.       | SP Description                    |
|---------------------|----------------|-----------------------------------|
| 1pc                 | A-1091-223-A   | s MOUNTED CIRCUIT BOARD, C        |
| 1pc                 | △ 1-251-116-12 | s SOCKET, CRT                     |
| C1                  | 1-104-574-91   | s CAP, CERAMIC 4700PF B           |
| C2                  | 1-128-526-91   | s CAP, ELECT 100MF                |
| C3                  | 1-115-349-51   | s CAP, CERAMIC 10000PF F          |
| C4                  | 1-107-906-91   | s CAP, ELECT 10MF                 |
| C5                  | 1-104-574-91   | s CAP, CERAMIC 4700PF B           |
| C6                  | 1-107-906-91   | s CAP, ELECT 10MF                 |
| C7                  | 1-115-349-51   | s CAP, CERAMIC 10000PF F          |
| CN1                 | 1-695-915-21   | s TAB (CONTACT)                   |
| CN2                 | 1-564-507-71   | o PLUG, CONNECTOR 4P              |
| CN3                 | 1-564-507-51   | o PLUG, CONNECTOR 4P              |
| CN4                 | 1-564-509-51   | o PLUG, CONNECTOR 6P              |
| CN5                 | 1-508-786-23   | o PIN, CONNECTOR (5MM PITCH) 2P   |
| CN6                 | 1-564-508-81   | o PLUG, CONNECTOR 5P              |
| CN7                 | 1-766-241-11   | o PIN, CONNECTOR (PC BOARD) 3P    |
| CN8                 | 1-564-507-61   | o PLUG, CONNECTOR 4P              |
| D1                  | 8-719-979-61   | s DIODE EGP10GPKG23               |
| D2                  | 8-719-404-50   | s DIODE MA111-TX                  |
| D3                  | 8-719-037-49   | s DIODE RD24SB-T1                 |
| L1                  | 1-410-460-21   | s MICRO INDUCTOR 1.5UH            |
| L2                  | 1-410-460-21   | s MICRO INDUCTOR 1.5UH            |
| L3                  | 1-410-460-21   | s MICRO INDUCTOR 1.5UH            |
| L4                  | 1-412-529-41   | s MICRO INDUCTOR 22UH             |
| L5                  | 1-410-465-21   | s MICRO INDUCTOR 3.9UH            |
| Q1                  | 8-729-140-99   | s TRANSISTOR 2SB734-T-34          |
| Q2                  | 8-729-020-07   | s TRANSISTOR 2SC4686A(LBSONY)     |
| R1                  | 1-219-741-91   | s RESISTOR (SURGE RESISTANT) 10   |
| R2                  | 1-219-741-91   | s RESISTOR (SURGE RESISTANT) 10   |
| R3                  | 1-240-933-91   | s RES, (SURGE RESISTANT) 1.5K     |
| R4                  | 1-240-933-91   | s RES, (SURGE RESISTANT) 1.5K     |
| R5                  | 1-240-931-91   | s RES, (SURGE RESISTANT) 330      |
| R6                  | 1-240-931-91   | s RES, (SURGE RESISTANT) 330      |
| R7                  | 1-240-931-91   | s RES, (SURGE RESISTANT) 330      |
| R8                  | 1-249-426-91   | s RES, CARBON (SMALL) 5.6K        |
| R9                  | 1-219-513-91   | s RESISTOR (SURGE RESISTANT) 4.7M |
| R10                 | 1-216-049-91   | s RES, CHIP 1.0K (2012)           |
| R11                 | 1-220-825-91   | s RES, (SURGE RESISTANT) 330K     |
| R12                 | 1-249-426-91   | s RES, CARBON (SMALL) 5.6K        |
| R13                 | 1-240-933-91   | s RES, (SURGE RESISTANT) 1.5K     |
| R14                 | 1-216-073-91   | s RES, CHIP 10K (2012)            |
| R15                 | 1-219-537-91   | s RESISTOR (SURGE RESISTANT) 3.3K |
| R17                 | 1-219-741-91   | s RESISTOR (SURGE RESISTANT) 10   |
| R18                 | 1-245-947-11   | s RES, METAL FILM 30M             |
| R19                 | 1-240-929-91   | s RES, (SURGE RESISTANT) 68       |
| RV1                 | 1-223-410-21   | s RES, ADJ, METAL FILM 110M       |
| SG1                 | 1-519-422-21   | s GAP, SPARK                      |
| SG2                 | 1-519-421-32   | s GAP, DISCHARGE                  |
| SG3                 | 1-519-421-32   | s GAP, DISCHARGE                  |
| SG4                 | 1-519-421-32   | s GAP, DISCHARGE                  |
| SG5                 | 1-519-421-32   | s GAP, DISCHARGE                  |
| SG6                 | 1-519-421-32   | s GAP, DISCHARGE                  |
| SG7                 | 1-519-421-32   | s GAP, DISCHARGE                  |
| SG8                 | 1-519-422-21   | s GAP, SPARK                      |
| SG9                 | 1-519-421-32   | s GAP, DISCHARGE                  |

(C BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description  |
|---------------------|--------------|-----------------|
| TP1                 | 1-535-877-22 | s CHIP, CHECKER |
| TP2                 | 1-535-877-22 | s CHIP, CHECKER |
| TP3                 | 1-535-877-22 | s CHIP, CHECKER |
| TP4                 | 1-535-877-22 | s CHIP, CHECKER |

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C BOARD BVM-A24  
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| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| 1pc                 | A-1091-154-A   | s MOUNTED CIRCUIT BOARD, C      |
| C1                  | 1-115-349-51   | s CAP, CERAMIC 10000PF F        |
| C2                  | 1-128-526-91   | s CAP, ELECT 100MF              |
| C5                  | 1-104-574-91   | s CAP, CERAMIC 4700PF B         |
| C6                  | 1-115-349-51   | s CAP, CERAMIC 10000PF F        |
| CN1                 | 1-695-915-21   | s TAB CONTACT                   |
| CN2                 | 1-564-507-71   | o PLUG, CONNECTOR 4P            |
| CN3                 | 1-564-507-51   | o PLUG, CONNECTOR 4P            |
| CN4                 | 1-564-509-51   | o PLUG, CONNECTOR 6P            |
| CN6                 | 1-508-786-23   | o PIN, CONNECTOR 5MM PITCH 2P   |
| CN7                 | 1-564-508-81   | o PLUG, CONNECTOR 5P            |
| CN8                 | 1-766-241-11   | o PIN, CONNECTOR PC BOARD 3P    |
| CN9                 | 1-564-507-61   | o PLUG, CONNECTOR 4P            |
| D1                  | 8-719-979-61   | s DIODE EGP10GPKG23             |
| D2                  | 8-719-404-50   | s DIODE MA111-TX                |
| J1                  | Δ 1-251-640-11 | s SOCKET, CRT                   |
| L1                  | 1-410-460-21   | s MICRO INDUCTOR 1.5UH          |
| L2                  | 1-410-460-21   | s MICRO INDUCTOR 1.5UH          |
| L3                  | 1-410-460-21   | s MICRO INDUCTOR 1.5UH          |
| L4                  | 1-412-529-41   | s MICRO INDUCTOR 22UH           |
| L5                  | 1-410-465-21   | s MICRO INDUCTOR 3.9UH          |
| Q2                  | 8-729-020-07   | ■ TRANSISTOR 2SC4686A LBSONY    |
| R1                  | 1-240-928-91   | s RES, SURGE RESISTANT 33       |
| R2                  | 1-219-741-91   | s RESISTOR SURGE RESISTANT 10   |
| R3                  | 1-240-933-91   | s RES, SURGE RESISTANT 1.5K     |
| R4                  | 1-240-933-91   | s RES, SURGE RESISTANT 1.5K     |
| R5                  | 1-240-931-91   | s RES, SURGE RESISTANT 330      |
| R6                  | 1-240-931-91   | s RES, SURGE RESISTANT 330      |
| R7                  | 1-249-443-71   | s RES, CARBON 0.47              |
| R8                  | 1-219-537-91   | s RESISTOR SURGE RESISTANT 3.3K |
| R10                 | 1-220-825-91   | s RES, SURGE RESISTANT 330K     |
| R11                 | 1-216-049-91   | s RES, CHIP 1.0K 2012           |
| R12                 | 1-240-933-91   | s RES, SURGE RESISTANT 1.5K     |
| R13                 | 1-216-375-71   | s RES, METAL OXIDE FILM 3.3     |
| R14                 | 1-216-375-71   | s RES, METAL OXIDE FILM 3.3     |
| R15                 | 1-219-513-91   | s RESISTOR SURGE RESISTANT 4.7M |
| R16                 | 1-216-073-91   | s RES, CHIP 10K 2012            |
| R17                 | 1-219-741-91   | s RESISTOR SURGE RESISTANT 10   |
| R19                 | 1-240-929-91   | s RES, SURGE RESISTANT 68       |
| SG1                 | 1-519-421-32   | s GAP, DISCHARGE                |
| SG2                 | 1-519-421-32   | s GAP, DISCHARGE                |
| SG3                 | 1-519-421-32   | s GAP, DISCHARGE                |
| SG4                 | 1-519-421-32   | s GAP, DISCHARGE                |
| SG5                 | 1-519-422-21   | s GAP, SPARK                    |
| SG6                 | 1-519-421-32   | s GAP, DISCHARGE                |
| SG7                 | 1-519-421-32   | s GAP, DISCHARGE                |
| TP1                 | 1-535-877-22   | s CHIP, CHECKER                 |
| TP2                 | 1-535-877-22   | s CHIP, CHECKER                 |
| TP3                 | 1-535-877-22   | s CHIP, CHECKER                 |
| TP4                 | 1-535-877-22   | s CHIP, CHECKER                 |

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EA BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-1134-024-A | s MOUNTED CIRCUIT BOARD, EA      |
| 2pcs                | 7-682-647-09 | s SCREW +PS 3X6 PANEL BRACKET 2  |
| C100                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C101                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C102                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C103                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C104                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C105                | 1-115-416-91 | s CAP,CHIP CERAMIC1000PF CH 1608 |
| C106                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C107                | 1-128-360-21 | s CAP, CHIP CELECT 220MF         |
| C108                | 1-126-394-21 | s CAP, CHIP ELECT 10MF 4X5.7     |
| C200                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C201                | 1-162-968-91 | s CAP,CHIP CERAMIC 4700PF B 1608 |
| C202                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C203                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C204                | 1-104-760-91 | s CAP, CERAMIC 47000PF B 2012    |
| C205                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C206                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C207                | 1-164-227-91 | s CAP,CERAMIC 22000PF B 1608     |
| C210                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C211                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C213                | 1-162-968-91 | s CAP,CHIP CERAMIC 4700PF B 1608 |
| C214                | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C217                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C218                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C219                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C220                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C221                | 1-126-391-21 | s CAP, CHIP ELECT 47MF 5X5.7     |
| C222                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C223                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C224                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C225                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C226                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C227                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C228                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C229                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C230                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C231                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C233                | 1-165-884-91 | s CAP, CERAMIC 2.2MF 1608        |
| C235                | 1-112-161-21 | s CAP, CHIP ELECT 1000MF 10X10   |
| C236                | 1-164-230-91 | s CAP,CERAMIC 220PF CH 1608      |
| C237                | 1-126-396-21 | s CAP, CHIP ELECT 47MF 6.3X5.7   |
| C238                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C239                | 1-115-412-91 | s CAP,CHIP CERAMIC 680PF CH 1608 |
| C240                | 1-164-492-91 | s CAP, CERAMIC 150000PF B 2012   |
| C241                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C242                | 1-126-412-21 | s CAP, CHIP ELECT 220MF 4X5.7    |
| C243                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C244                | 1-126-391-21 | s CAP, CHIP ELECT 47MF 5X5.7     |
| C246                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C247                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C248                | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C249                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608    |
| C250                | 1-162-968-91 | s CAP,CHIP CERAMIC 4700PF B 1608 |
| C251                | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608     |
| C252                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608 |
| C253                | 1-126-391-21 | s CAP, CHIP ELECT 47MF 5X5.7     |
| C254                | 1-107-823-91 | s CAP, CERAMIC 470000PF B 2012   |
| C255                | 1-125-889-91 | s CAP, CHIP CERAMIC 2.2MF B 2012 |



## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C256                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C257                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012   |
| C258                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012   |
| C260                | 1-112-161-21 | § CAP, CHIP ELECT 1000MF 10X10   |
| C261                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C304                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C305                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C306                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C307                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C308                | 1-137-710-91 | § CAP, CERAMIC 10MF B 2012       |
| C309                | 1-137-710-91 | § CAP, CERAMIC 10MF B 2012       |
| C310                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C311                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C312                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C314                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C316                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C317                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C318                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C319                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C320                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C322                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C323                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C324                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C325                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C326                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C327                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C329                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C330                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C331                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C332                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C333                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C334                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C336                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C337                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C339                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C340                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C342                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C343                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C344                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C345                | 1-104-609-21 | § CAP, CHIP ELECT 100MF 4X5.7    |
| C346                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C347                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C349                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C350                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C400                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C401                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C402                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C403                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C404                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C405                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B   |
| C406                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C407                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C408                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C409                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C410                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C411                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C412                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C413                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C414                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C415                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C416                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C417                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C418                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C419                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C625                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C626                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C627                | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C628                | 1-135-344-21 | § CAP, ELECT 270MF 10X8          |
| C629                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C630                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C631                | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608      |
| C632                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C633                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C634                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C635                | 1-162-923-91 | § CAP, CERAMIC 47PF CH 1608      |
| C636                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C637                | 1-125-889-91 | § CAP, CHIP CERAMIC 2.2MF B 2012 |
| C638                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C639                | 1-162-925-91 | § CAP, CERAMIC 68PF CH 1608      |
| C640                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C641                | 1-137-894-21 | § CAP, ELECT CHIP TYPE 470MF     |
| C642                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C643                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608     |
| C644                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608     |
| C645                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C646                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C647                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C648                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C649                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C650                | 1-127-820-91 | § CAP, CHIP CERAMIC 4.7MF B 3216 |
| C651                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C652                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C653                | 1-127-692-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C655                | 1-165-667-21 | § CAP, ELECT 100MF               |
| C656                | 1-165-668-21 | § CAP, ELECT 150MF               |
| C657                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C658                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C700                | 1-128-536-21 | § CAP, CHIP ELECT 100MF          |
| C701                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C702                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C703                | 1-164-230-91 | § CAP, CERAMIC 220PF CH 1608     |
| C704                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C705                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C706                | 1-128-536-21 | § CAP, CHIP ELECT 100MF          |
| C707                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C708                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C709                | 1-126-396-21 | § CAP, CHIP ELECT 47MF 6.3X5.7   |
| C710                | 1-126-396-21 | § CAP, CHIP ELECT 47MF 6.3X5.7   |
| C711                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C712                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C713                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C714                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C715                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C716                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C717                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C718                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C719                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C720                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C721                | 1-162-970-91 | ⊗ CAP, CERAMIC 10000PF B 1608    |
| C722                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C723                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C724                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C725                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C726                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C727                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C728                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C729                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C731                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C732                | 1-100-566-91 | ⊗ CAP, CHIP CERAMIC 0.1MF B 1608 |
| C733                | 1-131-661-21 | ⊗ CAP, CHIP ELECT 100MF 6.3X5.7  |
| C734                | 1-162-970-91 | ⊗ CAP, CERAMIC 10000PF B 1608    |
| CN400               | 1-764-080-21 | ○ PIN, CONNECTOR PC BOARD 8P     |
| CN700               | 1-817-753-11 | ○ CONNECTOR, BOARD TO BOARD 100P |
| CN701               | 1-817-753-11 | ○ CONNECTOR, BOARD TO BOARD 100P |
| CN702               | 1-764-082-21 | ⊗ PIN, CONNECTOR PC BOARD 11P    |
| D100                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D101                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D200                | 8-719-027-76 | ⊗ DIODE 1SS357-TPH3              |
| D203                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D204                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D400                | 8-719-064-52 | ⊗ DIODE CL-191YG-CD-T            |
| D600                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D601                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D602                | 8-719-404-50 | ⊗ DIODE MA111-TX                 |
| D604                | 8-719-027-76 | ⊗ DIODE 1SS357-TPH3              |
| D605                | 8-719-027-76 | ⊗ DIODE 1SS357-TPH3              |
| D606                | 8-719-073-92 | ⊗ DIODE RB060L-40TE25            |
| D607                | 8-719-073-92 | ⊗ DIODE RB060L-40TE25            |
| D700                | 8-719-064-52 | ⊗ DIODE CL-191YG-CD-T            |
| F600                | 1-533-804-21 | ⊗ FUSE SMD 2.5A,125V             |
| F601                | 1-533-804-21 | ⊗ FUSE SMD 2.5A,125V             |
| F602                | 1-533-804-21 | ⊗ FUSE SMD 2.5A,125V             |
| FB700               | 1-500-448-21 | ⊗ FERRITE, EMI SMD 3216          |
| FB701               | 1-500-448-21 | ⊗ FERRITE, EMI SMD 3216          |
| FB702               | 1-500-448-21 | ⊗ FERRITE, EMI SMD 3216          |
| FB703               | 1-500-448-21 | ⊗ FERRITE, EMI SMD 3216          |
| FB704               | 1-500-448-21 | ⊗ FERRITE, EMI SMD 3216          |
| FB705               | 1-500-448-21 | ⊗ FERRITE, EMI SMD 3216          |
| IC100               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC101               | 8-759-490-41 | ⊗ IC TC74VHCT541AFT EL           |
| IC102               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC103               | 8-759-491-46 | ⊗ IC TC74VHCT04AFT EL            |
| IC104               | 8-759-491-46 | ⊗ IC TC74VHCT04AFT EL            |
| IC105               | 8-759-523-97 | ⊗ IC TC74VHC123AFT EL            |
| IC200               | 8-759-157-42 | ⊗ IC TL082CPS-E20                |
| IC201               | 8-759-157-42 | ⊗ IC TL082CPS-E20                |
| IC203               | 8-759-564-49 | ⊗ IC TC7W53FU TE12R              |
| IC204               | 8-759-157-42 | ⊗ IC TL082CPS-E20                |
| IC206               | 8-759-157-42 | ⊗ IC TL082CPS-E20                |
| IC208               | 6-707-832-01 | ⊗ IC CXD9563Q-A                  |
| IC302               | 6-704-006-01 | ⊗ IC BR24L64F-WE2                |
| IC303               | 6-708-748-01 | ⊗ IC BD4828FVE-TR                |
| IC304               | 6-708-748-01 | ⊗ IC BD4828FVE-TR                |
| IC306               | 6-706-488-01 | ⊗ IC TC7SH14FU T5RSOYJF          |
| IC307               | 6-706-488-01 | ⊗ IC TC7SH14FU T5RSOYJF          |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| IC308               | 6-700-387-01 | ⊗ IC EPC2LC20N-TP                |
| IC310               | 6-706-489-01 | ⊗ IC TC7SH32FU T5RSOYJF          |
| IC311               | 6-706-489-01 | ⊗ IC TC7SH32FU T5RSOYJF          |
| IC312               | 8-759-669-30 | ⊗ IC TC74VHC05FT EL              |
| IC313               | 6-705-027-01 | ⊗ IC BD4840FVE-TR                |
| IC400               | 6-709-436-01 | ⊗ IC LC4128V-5TN100CA1353        |
| IC401               | 8-759-592-46 | ⊗ IC TC7SZ05FU TE85R             |
| IC402               | 8-759-679-54 | ⊗ IC SN74LVC14APWR               |
| IC403               | 8-759-679-54 | ⊗ IC SN74LVC14APWR               |
| IC404               | 8-759-573-97 | ⊗ IC SN74LVC541APWR              |
| IC405               | 8-759-679-54 | ⊗ IC SN74LVC14APWR               |
| IC406               | 8-759-592-49 | ⊗ IC TC7SZ125FU TE85R            |
| IC611               | 6-702-510-01 | ⊗ IC TPSS120DBTRG4               |
| IC700               | 6-702-295-01 | ⊗ IC NJM78M12DL1A-TE1            |
| IC701               | 8-759-539-89 | ⊗ IC LM2990SX-5.0                |
| IC702               | 6-702-297-01 | ⊗ IC NJM79M12DL1A-TE1            |
| IC703               | 6-705-469-01 | ⊗ IC BA50BC0FP-E2                |
| IC704               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC705               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC706               | 6-705-468-01 | ⊗ IC BA33BC0FP-E2                |
| IC707               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC708               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC709               | 8-759-592-46 | ⊗ IC TC7SZ05FU TE85R             |
| IC710               | 8-759-490-41 | ⊗ IC TC74VHCT541AFT EL           |
| IC711               | 8-759-476-80 | ⊗ IC LM75C1MX-3                  |
| IC712               | 8-759-523-84 | ⊗ IC TC74VHC14FT EL              |
| IC713               | 8-759-669-50 | ⊗ IC SN74CBTD3306PWR-12          |
| IC714               | 8-759-688-12 | ⊗ IC TC74VHCT125AFT EL           |
| IC715               | 8-759-276-28 | ⊗ IC LM393PS-E20                 |
| L200                | 1-469-553-21 | ⊗ INDUCTOR, CHIP 4.7UH LB2016    |
| L201                | 1-416-928-21 | ⊗ COIL, CHOKE SMD 470UH          |
| L202                | 1-469-553-21 | ⊗ INDUCTOR, CHIP 4.7UH LB2016    |
| L203                | 1-469-553-21 | ⊗ INDUCTOR, CHIP 4.7UH LB2016    |
| L301                | 1-412-955-21 | ⊗ INDUCTOR, SMALL TYPE 22UH 2520 |
| L400                | 1-412-955-21 | ⊗ INDUCTOR, SMALL TYPE 22UH 2520 |
| L600                | 1-469-848-21 | ⊗ INDUCTOR SMD                   |
| L601                | 1-469-848-21 | ⊗ INDUCTOR SMD                   |
| L602                | 1-469-848-21 | ⊗ INDUCTOR SMD                   |
| L603                | 1-469-848-21 | ⊗ INDUCTOR SMD                   |
| Q100                | 8-729-028-91 | ⊗ TRANSISTOR DTA144EUA-T106      |
| Q101                | 8-729-028-91 | ⊗ TRANSISTOR DTA144EUA-T106      |
| Q102                | 8-729-028-91 | ⊗ TRANSISTOR DTA144EUA-T106      |
| Q103                | 8-729-028-91 | ⊗ TRANSISTOR DTA144EUA-T106      |
| Q104                | 8-729-029-14 | ⊗ TRANSISTOR DTC144EUA-T106      |
| Q105                | 8-729-029-14 | ⊗ TRANSISTOR DTC144EUA-T106      |
| Q106                | 8-729-029-04 | ⊗ TRANSISTOR DTC123JUA-T106      |
| Q107                | 8-729-028-81 | ⊗ TRANSISTOR DTA123JUA-T106      |
| Q108                | 8-729-029-04 | ⊗ TRANSISTOR DTC123JUA-T106      |
| Q109                | 8-729-029-14 | ⊗ TRANSISTOR DTC144EUA-T106      |
| Q200                | 8-729-905-38 | ⊗ TRANSISTOR 2SC4081T106R        |
| Q201                | 8-729-026-53 | ⊗ TRANSISTOR 2SA1576A-T106-QR    |
| Q202                | 8-729-905-38 | ⊗ TRANSISTOR 2SC4081T106R        |
| Q203                | 8-729-019-85 | ⊗ TRANSISTOR 2SC3392-5-TB-E      |
| Q204                | 8-729-824-24 | ⊗ TRANSISTOR 2SA1338-5-TB-E      |
| Q205                | 8-729-028-91 | ⊗ TRANSISTOR DTA144EUA-T106      |
| Q206                | 8-729-029-14 | ⊗ TRANSISTOR DTC144EUA-T106      |
| Q207                | 8-729-029-04 | ⊗ TRANSISTOR DTC123JUA-T106      |
| Q208                | 8-729-905-38 | ⊗ TRANSISTOR 2SC4081T106R        |
| Q209                | 8-729-029-04 | ⊗ TRANSISTOR DTC123JUA-T106      |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                   |
|---------------------|--------------|----|-------------------------------|
| Q603                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR   |
| Q605                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106     |
| Q606                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106     |
| Q607                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106     |
| Q608                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106     |
| Q609                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q612                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q613                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q615                | 6-550-374-01 | §  | TRANSISTOR TPC8009-H T2LSONYF |
| Q617                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q618                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106     |
| Q700                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q701                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q702                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q703                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q704                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q705                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q708                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q709                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| Q710                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106     |
| R100                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R101                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R102                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R103                | 1-216-809-91 | §  | RES, CHIP 100 1608            |
| R104                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R105                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R106                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R107                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R108                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R109                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R110                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R111                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R112                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R113                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R114                | 1-216-845-91 | §  | RES, CHIP 100K 1608           |
| R115                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R116                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R117                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R118                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R119                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R120                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R121                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R122                | 1-216-845-91 | §  | RES, CHIP 100K 1608           |
| R123                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R124                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R125                | 1-216-845-91 | §  | RES, CHIP 100K 1608           |
| R126                | 1-216-845-91 | §  | RES, CHIP 100K 1608           |
| R127                | 1-216-845-91 | §  | RES, CHIP 100K 1608           |
| R128                | 1-216-833-91 | §  | RES, CHIP 10K 1608            |
| R129                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R130                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R131                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R132                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R133                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R134                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R135                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R136                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R137                | 1-216-813-91 | §  | RES, CHIP 220 1608            |
| R138                | 1-216-813-91 | §  | RES, CHIP 220 1608            |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP | Description          |
|---------------------|--------------|----|----------------------|
| R139                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R140                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R141                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R142                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R143                | 1-216-845-91 | §  | RES, CHIP 100K 1608  |
| R144                | 1-216-845-91 | §  | RES, CHIP 100K 1608  |
| R145                | 1-216-845-91 | §  | RES, CHIP 100K 1608  |
| R146                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R147                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R148                | 1-216-845-91 | §  | RES, CHIP 100K 1608  |
| R149                | 1-216-845-91 | §  | RES, CHIP 100K 1608  |
| R150                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R151                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R152                | 1-216-813-91 | §  | RES, CHIP 220 1608   |
| R153                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R155                | 1-218-872-91 | §  | RES, CHIP 11K 1608   |
| R156                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R157                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R158                | 1-216-827-91 | §  | RES, CHIP 3.3K 1608  |
| R159                | 1-216-822-91 | §  | RES, CHIP 1.2K 1608  |
| R161                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R162                | 1-216-809-91 | §  | RES, CHIP 100 1608   |
| R163                | 1-216-825-91 | §  | RES, CHIP 2.2K 1608  |
| R164                | 1-216-809-91 | §  | RES, CHIP 100 1608   |
| R200                | 1-218-871-91 | §  | RES, CHIP 10K 1608   |
| R201                | 1-218-871-91 | §  | RES, CHIP 10K 1608   |
| R202                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R203                | 1-218-863-91 | §  | RES, CHIP 4.7K 1608  |
| R204                | 1-218-887-91 | §  | RES, CHIP 47K 1608   |
| R205                | 1-218-887-91 | §  | RES, CHIP 47K 1608   |
| R206                | 1-218-871-91 | §  | RES, CHIP 10K 1608   |
| R207                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R208                | 1-216-829-91 | §  | RES, CHIP 4.7K 1608  |
| R211                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R212                | 1-216-809-91 | §  | RES, CHIP 100 1608   |
| R213                | 1-216-829-91 | §  | RES, CHIP 4.7K 1608  |
| R218                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R219                | 1-218-847-91 | §  | RES, CHIP 1.0K 1608  |
| R220                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R221                | 1-216-833-91 | §  | RES, CHIP 10K 1608   |
| R224                | 1-218-887-91 | §  | RES, CHIP 47K 1608   |
| R225                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608 |
| R226                | 1-218-871-91 | §  | RES, CHIP 10K 1608   |
| R227                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608 |
| R228                | 1-218-877-91 | §  | RES, CHIP 18K 1608   |
| R229                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R230                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608 |
| R231                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608 |
| R232                | 1-218-861-91 | §  | RES, CHIP 3.9K 1608  |
| R233                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R234                | 1-216-864-91 | §  | CONDUCTOR, CHIP 1608 |
| R235                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R238                | 1-218-887-91 | §  | RES, CHIP 47K 1608   |
| R239                | 1-218-851-91 | §  | RES, CHIP 1.5K 1608  |
| R241                | 1-218-859-91 | §  | RES, CHIP 3.3K 1608  |
| R242                | 1-216-821-91 | §  | RES, CHIP 1.0K 1608  |
| R243                | 1-216-809-91 | §  | RES, CHIP 100 1608   |
| R245                | 1-216-809-91 | §  | RES, CHIP 100 1608   |
| R247                | 1-216-809-91 | §  | RES, CHIP 100 1608   |

## EA BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| R248                | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R249                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R250                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R251                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R252                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R253                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R257                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R258                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R259                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R260                | 1-216-821-91 | s RES, CHIP 1.0K (1608)  |
| R261                | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R262                | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R263                | 1-216-849-91 | s RES, CHIP 220K (1608)  |
| R264                | 1-218-901-91 | s RES, CHIP 180K (1608)  |
| R265                | 1-218-879-91 | s RES, CHIP 22K (1608)   |
| R267                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R268                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R270                | 1-216-857-91 | s RES, CHIP 1.0M (1608)  |
| R271                | 1-216-837-91 | s RES, CHIP 22K (1608)   |
| R272                | 1-218-852-91 | s RES, CHIP 1.6K (1608)  |
| R273                | 1-218-839-91 | s RES, CHIP 470 (1608)   |
| R275                | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R276                | 1-218-858-91 | s RES, CHIP 3.0K (1608)  |
| R277                | 1-218-855-91 | s RES, CHIP 2.2K (1608)  |
| R278                | 1-218-838-91 | s RES, CHIP 430 (1608)   |
| R279                | 1-218-871-91 | s RES, CHIP 10K (1608)   |
| R280                | 1-216-857-91 | s RES, CHIP 1.0M (1608)  |
| R282                | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R283                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R284                | 1-218-887-91 | s RES, CHIP 47K (1608)   |
| R285                | 1-218-869-91 | s RES, CHIP 8.2K (1608)  |
| R287                | 1-216-813-91 | s RES, CHIP 220 (1608)   |
| R289                | 1-216-857-91 | s RES, CHIP 1.0M (1608)  |
| R290                | 1-216-805-91 | s RES, CHIP 47 (1608)    |
| R292                | 1-216-809-91 | s RES, CHIP 100 (1608)   |
| R294                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R295                | 1-216-837-91 | s RES, CHIP 22K (1608)   |
| R296                | 1-216-825-91 | s RES, CHIP 2.2K (1608)  |
| R301                | 1-216-813-91 | s RES, CHIP 220 (1608)   |
| R302                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R303                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R304                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R305                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R307                | 1-216-797-91 | s RES, CHIP 10 (1608)    |
| R308                | 1-216-815-91 | s RES, CHIP 330 (1608)   |
| R309                | 1-216-815-91 | s RES, CHIP 330 (1608)   |
| R310                | 1-216-815-91 | s RES, CHIP 330 (1608)   |
| R311                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R312                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R313                | 1-216-845-91 | s RES, CHIP 100K (1608)  |
| R314                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R315                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R323                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R325                | 1-216-833-91 | s RES, CHIP 10K (1608)   |
| R400                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R403                | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R404                | 1-216-829-91 | s RES, CHIP 4.7K (1608)  |
| R407                | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |
| R409                | 1-216-864-91 | s CONDUCTOR, CHIP (1608) |

## (EA BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R410                | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R413                | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R415                | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R417                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R418                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R419                | 1-216-797-91 | s RES, CHIP 10 (1608)          |
| R420                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R421                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R422                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R423                | 1-216-825-91 | s RES, CHIP 2.2K (1608)        |
| R424                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R425                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R426                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R427                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R428                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R429                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R430                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R431                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R432                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R433                | 1-216-809-91 | s RES, CHIP 100 (1608)         |
| R434                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R435                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R436                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R437                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R438                | 1-216-807-91 | s RES, CHIP 68 (1608)          |
| R439                | 1-216-801-91 | s RES, CHIP 22 (1608)          |
| R440                | 1-216-837-91 | s RES, CHIP 22K (1608)         |
| R441                | 1-216-809-91 | s RES, CHIP 100 (1608)         |
| R442                | 1-216-837-91 | s RES, CHIP 22K (1608)         |
| R443                | 1-216-837-91 | s RES, CHIP 22K (1608)         |
| R444                | 1-216-837-91 | s RES, CHIP 22K (1608)         |
| R445                | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R446                | 1-216-837-91 | s RES, CHIP 22K (1608)         |
| R613                | 1-218-833-91 | s RES, CHIP 270 (1608)         |
| R614                | 1-218-865-91 | s RES, CHIP 5.6K (1608)        |
| R616                | 1-218-871-91 | s RES, CHIP 10K (1608)         |
| R617                | 1-218-895-91 | s RES, CHIP 100K (1608)        |
| R619                | 1-219-706-21 | s RES, CHIP (SQUARE TYPE) 0.10 |
| R620                | 1-216-809-91 | s RES, CHIP 100 (1608)         |
| R621                | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R622                | 1-216-829-91 | s RES, CHIP 4.7K (1608)        |
| R623                | 1-216-827-91 | s RES, CHIP 3.3K (1608)        |
| R624                | 1-216-822-91 | s RES, CHIP 1.2K (1608)        |
| R627                | 1-218-867-91 | s RES, CHIP 6.8K (1608)        |
| R628                | 1-218-901-91 | s RES, CHIP 180K (1608)        |
| R629                | 1-218-905-91 | s RES, CHIP 270K (1608)        |
| R630                | 1-218-881-91 | s RES, CHIP 27K (1608)         |
| R631                | 1-216-837-91 | s RES, CHIP 22K (1608)         |
| R632                | 1-218-873-91 | s RES, CHIP 12K (1608)         |
| R633                | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R634                | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R635                | 1-216-833-91 | s RES, CHIP 10K (1608)         |
| R636                | 1-218-901-91 | s RES, CHIP 180K (1608)        |
| R638                | 1-216-821-91 | s RES, CHIP 1.0K (1608)        |
| R640                | 1-218-849-91 | s RES, CHIP 1.2K (1608)        |
| R641                | 1-218-875-91 | s RES, CHIP 15K (1608)         |
| R642                | 1-218-861-91 | s RES, CHIP 3.9K (1608)        |
| R643                | 1-218-875-91 | s RES, CHIP 15K (1608)         |
| R644                | 1-218-863-91 | s RES, CHIP 4.7K (1608)        |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R645                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R646                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R647                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R648                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R649                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R700                | 1-216-845-91 | RES, CHIP 100K 1608        |
| R701                | 1-216-805-91 | RES, CHIP 47 1608          |
| R702                | 1-216-801-91 | RES, CHIP 22 1608          |
| R703                | 1-216-809-91 | RES, CHIP 100 1608         |
| R704                | 1-216-809-91 | RES, CHIP 100 1608         |
| R705                | 1-216-809-91 | RES, CHIP 100 1608         |
| R706                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R707                | 1-216-809-91 | RES, CHIP 100 1608         |
| R709                | 1-216-809-91 | RES, CHIP 100 1608         |
| R710                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R711                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R712                | 1-216-805-91 | RES, CHIP 47 1608          |
| R713                | 1-216-809-91 | RES, CHIP 100 1608         |
| R714                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R715                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R717                | 1-216-809-91 | RES, CHIP 100 1608         |
| R718                | 1-216-813-91 | RES, CHIP 220 1608         |
| R719                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R720                | 1-216-809-91 | RES, CHIP 100 1608         |
| R721                | 1-216-809-91 | RES, CHIP 100 1608         |
| R722                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R723                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R724                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R725                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R726                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R727                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R728                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R729                | 1-216-853-91 | RES, CHIP 470K 1608        |
| R730                | 1-216-853-91 | RES, CHIP 470K 1608        |
| R735                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R736                | 1-216-809-91 | RES, CHIP 100 1608         |
| R737                | 1-216-805-91 | RES, CHIP 47 1608          |
| R738                | 1-216-809-91 | RES, CHIP 100 1608         |
| R739                | 1-216-805-91 | RES, CHIP 47 1608          |
| R740                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R741                | 1-216-823-91 | RES, CHIP 1.5K 1608        |
| R742                | 1-216-809-91 | RES, CHIP 100 1608         |
| R743                | 1-216-845-91 | RES, CHIP 100K 1608        |
| R744                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R745                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R746                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R747                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R748                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R749                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R750                | 1-218-871-91 | RES, CHIP 10K 1608         |
| R751                | 1-218-879-91 | RES, CHIP 22K 1608         |
| R752                | 1-218-883-91 | RES, CHIP 33K 1608         |
| R753                | 1-218-878-91 | RES, CHIP 20K 1608         |
| R754                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R755                | 1-216-809-91 | RES, CHIP 100 1608         |
| R756                | 1-216-809-91 | RES, CHIP 100 1608         |
| R757                | 1-216-809-91 | RES, CHIP 100 1608         |
| RB400               | 1-233-416-21 | RES, CHIP NETWORK 22K 3216 |

## EA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| RB401               | 1-233-415-21 | RES, CHIP NETWORK 10K 3216  |
| RB402               | 1-233-416-21 | RES, CHIP NETWORK 22K 3216  |
| RB403               | 1-233-416-21 | RES, CHIP NETWORK 22K 3216  |
| RB404               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB405               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB406               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB407               | 1-233-575-21 | RES, CHIP NETWORK 22 3216   |
| RB408               | 1-233-575-21 | RES, CHIP NETWORK 22 3216   |
| RB409               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB410               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB411               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB412               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB413               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB414               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| RB415               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| RB416               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| S300                | 1-771-709-21 | SWITCH, SLIDE               |
| TP200               | 1-535-877-22 | CHIP, CHECKER               |
| TP201               | 1-535-877-22 | CHIP, CHECKER               |
| TP202               | 1-535-877-22 | CHIP, CHECKER               |
| TP203               | 1-535-877-22 | CHIP, CHECKER               |
| TP204               | 1-535-877-22 | CHIP, CHECKER               |
| TP400               | 1-535-877-22 | CHIP, CHECKER               |
| TP401               | 1-535-877-22 | CHIP, CHECKER               |
| TP609               | 1-535-877-22 | CHIP, CHECKER               |
| TP610               | 1-535-877-22 | CHIP, CHECKER               |
| TP700               | 1-535-877-22 | CHIP, CHECKER               |
| TP701               | 1-535-877-22 | CHIP, CHECKER               |
| TP702               | 1-535-877-22 | CHIP, CHECKER               |
| TP703               | 1-535-877-22 | CHIP, CHECKER               |
| TP704               | 1-535-877-22 | CHIP, CHECKER               |
| TP705               | 1-535-877-22 | CHIP, CHECKER               |
| TP706               | 1-535-877-22 | CHIP, CHECKER               |
| TP707               | 1-535-877-22 | CHIP, CHECKER               |
| TP708               | 1-535-877-22 | CHIP, CHECKER               |
| X300                | 1-795-984-11 | OSCILLATOR, CRYSTAL         |
| X400                | 1-795-984-11 | OSCILLATOR, CRYSTAL         |

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EA BOARD BVM-A24  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-1173-136-A | § MOUNTED CIRCUIT BOARD, EA      |
| 2pcs                | 7-682-647-09 | § SCREW +PS 3X6 PANEL BRACKET 2  |
| C100                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C101                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C102                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C103                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C104                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C105                | 1-115-416-91 | § CAP,CHIP CERAMIC1000PF CH 1608 |
| C106                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C107                | 1-128-360-21 | § CAP, CHIP CELECT 220MF         |
| C108                | 1-126-394-21 | § CAP, CHIP ELECT 10MF 4X5.7     |
| C200                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C201                | 1-162-968-91 | § CAP,CHIP CERAMIC 4700PF B 1608 |
| C202                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C203                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C204                | 1-104-760-91 | § CAP, CERAMIC 47000PF B 2012    |
| C205                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C206                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C207                | 1-164-227-91 | § CAP,CERAMIC 22000PF B 1608     |
| C210                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C211                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C213                | 1-162-968-91 | § CAP,CHIP CERAMIC 4700PF B 1608 |
| C214                | 1-162-927-91 | § CAP, CERAMIC 100PF CH 1608     |
| C217                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C218                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C219                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C220                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C221                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C222                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C223                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C224                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C225                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C226                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C227                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C228                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C229                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C230                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C231                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C233                | 1-165-884-91 | § CAP, CERAMIC 2.2MF 1608        |
| C235                | 1-112-161-21 | § CAP, CHIP ELECT 1000MF 10X10   |
| C236                | 1-164-230-91 | § CAP,CERAMIC 220PF CH 1608      |
| C237                | 1-126-396-21 | § CAP, CHIP ELECT 47MF 6.3X5.7   |
| C238                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C239                | 1-115-412-91 | § CAP,CHIP CERAMIC 680PF CH 1608 |
| C240                | 1-164-492-91 | § CAP, CERAMIC 150000PF B 2012   |
| C241                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C242                | 1-126-412-21 | § CAP, CHIP ELECT 220MF 4X5.7    |
| C243                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C244                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C246                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C247                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C248                | 1-162-927-91 | § CAP, CERAMIC 100PF CH 1608     |
| C249                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C250                | 1-162-968-91 | § CAP,CHIP CERAMIC 4700PF B 1608 |
| C251                | 1-162-927-91 | § CAP, CERAMIC 100PF CH 1608     |
| C252                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C253                | 1-126-391-21 | § CAP, CHIP ELECT 47MF 5X5.7     |
| C254                | 1-107-823-91 | § CAP, CERAMIC 470000PF B 2012   |
| C255                | 1-125-889-91 | § CAP, CHIP CERAMIC 2.2MF B 2012 |

EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C256                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C257                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012   |
| C258                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012   |
| C260                | 1-112-161-21 | § CAP, CHIP ELECT 1000MF 10X10   |
| C261                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C304                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C305                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C306                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C307                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C308                | 1-137-710-91 | § CAP, CERAMIC 10MF B 2012       |
| C309                | 1-137-710-91 | § CAP, CERAMIC 10MF B 2012       |
| C310                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C311                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C312                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C314                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C316                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C317                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C318                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C319                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C320                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C322                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C323                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C324                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C325                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C326                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C327                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C329                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C330                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C331                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C332                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C333                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C334                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C336                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C337                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C339                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C340                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C342                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C343                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C344                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C345                | 1-104-609-21 | § CAP, CHIP ELECT 100MF 4X5.7    |
| C346                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C347                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C349                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C350                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C400                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C401                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C402                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C403                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C404                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |
| C405                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B   |
| C406                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C407                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C408                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C409                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C410                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C411                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C412                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C413                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C414                | 1-131-661-21 | § CAP, CHIP ELECT 100MF 6.3X5.7  |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C415                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C416                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C417                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C418                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C419                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C625                | 1-126-391-21 | CAP, CHIP ELECT 47MF 5X5.7     |
| C626                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C627                | 1-135-344-21 | CAP, ELECT 270MF 10X8          |
| C628                | 1-135-344-21 | CAP, ELECT 270MF 10X8          |
| C629                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C630                | 1-164-315-91 | CAP, CERAMIC 470PF CH 1608     |
| C631                | 1-162-925-91 | CAP, CERAMIC 68PF CH 1608      |
| C632                | 1-162-966-91 | CAP, CERAMIC 2200PF B 1608     |
| C633                | 1-162-966-91 | CAP, CERAMIC 2200PF B 1608     |
| C634                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C635                | 1-162-923-91 | CAP, CERAMIC 47PF CH 1608      |
| C636                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C637                | 1-125-889-91 | CAP, CHIP CERAMIC 2.2MF B 2012 |
| C638                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C639                | 1-162-925-91 | CAP, CERAMIC 68PF CH 1608      |
| C640                | 1-164-315-91 | CAP, CERAMIC 470PF CH 1608     |
| C641                | 1-137-894-21 | CAP, ELECT CHIP TYPE 470MF     |
| C642                | 1-162-966-91 | CAP, CERAMIC 2200PF B 1608     |
| C643                | 1-162-966-91 | CAP, CERAMIC 2200PF B 1608     |
| C644                | 1-164-315-91 | CAP, CERAMIC 470PF CH 1608     |
| C645                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C646                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C647                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C648                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C649                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C650                | 1-127-820-91 | CAP, CHIP CERAMIC 4.7MF B 3216 |
| C651                | 1-127-692-91 | CAP, CHIP CERAMIC 10MF B 3225  |
| C652                | 1-127-692-91 | CAP, CHIP CERAMIC 10MF B 3225  |
| C653                | 1-127-692-91 | CAP, CHIP CERAMIC 10MF B 3225  |
| C655                | 1-165-667-21 | CAP, ELECT 100MF               |
| C656                | 1-165-668-21 | CAP, ELECT 150MF               |
| C657                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C658                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C700                | 1-128-536-21 | CAP, CHIP ELECT 100MF          |
| C701                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |
| C702                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |
| C703                | 1-164-230-91 | CAP, CERAMIC 220PF CH 1608     |
| C704                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C705                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C706                | 1-128-536-21 | CAP, CHIP ELECT 100MF          |
| C707                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C708                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C709                | 1-126-396-21 | CAP, CHIP ELECT 47MF 16.3X5.7  |
| C710                | 1-126-396-21 | CAP, CHIP ELECT 47MF 16.3X5.7  |
| C711                | 1-131-661-21 | CAP, CHIP ELECT 100MF 16.3X5.7 |
| C712                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C713                | 1-131-661-21 | CAP, CHIP ELECT 100MF 16.3X5.7 |
| C714                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C715                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C716                | 1-131-661-21 | CAP, CHIP ELECT 100MF 16.3X5.7 |
| C717                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C718                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608    |
| C719                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C720                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7  |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C721                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608      |
| C722                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C723                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C724                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C725                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C726                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C727                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C728                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C729                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C731                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C732                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C733                | 1-131-661-21 | CAP, CHIP ELECT 100MF 6.3X5.7    |
| C734                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608      |
| CN400               | 1-764-080-21 | o PIN, CONNECTOR PC BOARD 8P     |
| CN700               | 1-817-753-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN701               | 1-817-753-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN702               | 1-764-082-21 | s PIN, CONNECTOR PC BOARD 11P    |
| D100                | 8-719-404-50 | s DIODE MA111-TX                 |
| D101                | 8-719-404-50 | s DIODE MA111-TX                 |
| D200                | 8-719-027-76 | s DIODE 1SS357-TPH3              |
| D203                | 8-719-404-50 | s DIODE MA111-TX                 |
| D204                | 8-719-404-50 | s DIODE MA111-TX                 |
| D400                | 8-719-064-52 | s DIODE CL-191YG-CD-T            |
| D600                | 8-719-404-50 | s DIODE MA111-TX                 |
| D601                | 8-719-404-50 | s DIODE MA111-TX                 |
| D602                | 8-719-404-50 | s DIODE MA111-TX                 |
| D604                | 8-719-027-76 | s DIODE 1SS357-TPH3              |
| D605                | 8-719-027-76 | s DIODE 1SS357-TPH3              |
| D606                | 8-719-073-92 | s DIODE RB060L-40TE25            |
| D607                | 8-719-073-92 | s DIODE RB060L-40TE25            |
| D700                | 8-719-064-52 | s DIODE CL-191YG-CD-T            |
| F600                | 1-533-804-21 | s FUSE SMD 2.5A/125V             |
| F601                | 1-533-804-21 | s FUSE SMD 2.5A/125V             |
| F602                | 1-533-804-21 | s FUSE SMD 2.5A/125V             |
| FB700               | 1-500-448-21 | s FERRITE, EMI SMD 3216          |
| FB701               | 1-500-448-21 | s FERRITE, EMI SMD 3216          |
| FB702               | 1-500-448-21 | s FERRITE, EMI SMD 3216          |
| FB703               | 1-500-448-21 | s FERRITE, EMI SMD 3216          |
| FB704               | 1-500-448-21 | s FERRITE, EMI SMD 3216          |
| FB705               | 1-500-448-21 | s FERRITE, EMI SMD 3216          |
| IC100               | 8-759-523-84 | s IC TC74VHC14FT EL              |
| IC101               | 8-759-490-41 | s IC TC74VHCT541AFT EL           |
| IC102               | 8-759-523-84 | s IC TC74VHC14FT EL              |
| IC103               | 8-759-491-46 | s IC TC74VHCT04AFT EL            |
| IC104               | 8-759-491-46 | s IC TC74VHCT04AFT EL            |
| IC105               | 8-759-523-97 | s IC TC74VHC123AFT EL            |
| IC200               | 8-759-157-42 | s IC TL082CPS-E20                |
| IC201               | 8-759-157-42 | s IC TL082CPS-E20                |
| IC203               | 8-759-564-49 | s IC TC7W53FU TE12R              |
| IC204               | 8-759-157-42 | s IC TL082CPS-E20                |
| IC206               | 8-759-157-42 | s IC TL082CPS-E20                |
| IC208               | 6-707-832-01 | s IC CXD9563Q-A                  |
| IC302               | 6-704-006-01 | s IC BR24L64F-WE2                |
| IC303               | 6-708-748-01 | s IC BD4828FVE-TR                |
| IC304               | 6-708-748-01 | s IC BD4828FVE-TR                |
| IC306               | 6-706-488-01 | s IC TC7SH14FU T5R50YJF          |
| IC307               | 6-706-488-01 | s IC TC7SH14FU T5R50YJF          |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| IC308               | 6-700-387-01 | IC EPC2LC20N-TP                |
| IC310               | 6-706-489-01 | IC TC7SH32FU T5RSOYJF          |
| IC311               | 6-706-489-01 | IC TC7SH32FU T5RSOYJF          |
| IC312               | 8-759-669-30 | IC TC74VHC05FT EL              |
| IC313               | 6-705-027-01 | IC BD4840FVE-TR                |
| IC400               | 6-709-436-01 | IC LC4128V-5TN100CA1353        |
| IC401               | 8-759-592-46 | IC TC7SZ05FU TE85R             |
| IC402               | 8-759-679-54 | IC SN74LVC14APWR               |
| IC403               | 8-759-679-54 | IC SN74LVC14APWR               |
| IC404               | 8-759-573-97 | IC SN74LVC541APWR              |
| IC405               | 8-759-679-54 | IC SN74LVC14APWR               |
| IC406               | 8-759-592-49 | IC TC7SZ125FU TE85R            |
| IC611               | 6-702-510-01 | IC TPS5120DBTRG4               |
| IC700               | 6-702-295-01 | IC NJM79M12DL1A-TE1            |
| IC701               | 8-759-539-89 | IC LM2990SX-5.0                |
| IC702               | 6-702-297-01 | IC NJM79M12DL1A-TE1            |
| IC703               | 6-705-469-01 | IC BA50BC0FP-E2                |
| IC704               | 8-759-523-84 | IC TC74VHC14FT EL              |
| IC705               | 8-759-523-84 | IC TC74VHC14FT EL              |
| IC706               | 6-705-468-01 | IC BA33BC0FP-E2                |
| IC707               | 8-759-523-84 | IC TC74VHC14FT EL              |
| IC708               | 8-759-523-84 | IC TC74VHC14FT EL              |
| IC709               | 8-759-592-46 | IC TC7SZ05FU TE85R             |
| IC710               | 8-759-490-41 | IC TC74VHCT541AFT EL           |
| IC711               | 8-759-476-80 | IC LM75CIMX-3                  |
| IC712               | 8-759-523-84 | IC TC74VHC14FT EL              |
| IC713               | 8-759-669-50 | IC SN74CBTD3306PWR-12          |
| IC714               | 8-759-688-12 | IC TC74VHCT125AFT EL           |
| IC715               | 8-759-276-28 | IC LM393PS-E20                 |
| L200                | 1-469-553-21 | INDUCTOR, CHIP 4.7UH LB2016    |
| L201                | 1-416-928-21 | COIL, CHOKE SMD 470UH          |
| L202                | 1-469-553-21 | INDUCTOR, CHIP 4.7UH LB2016    |
| L203                | 1-469-553-21 | INDUCTOR, CHIP 4.7UH LB2016    |
| L301                | 1-412-955-21 | INDUCTOR, SMALL TYPE 22UH 2520 |
| L400                | 1-412-955-21 | INDUCTOR, SMALL TYPE 22UH 2520 |
| L600                | 1-469-848-21 | INDUCTOR SMD                   |
| L601                | 1-469-848-21 | INDUCTOR SMD                   |
| L602                | 1-469-848-21 | INDUCTOR SMD                   |
| L603                | 1-469-848-21 | INDUCTOR SMD                   |
| Q100                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106      |
| Q101                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106      |
| Q102                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106      |
| Q103                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106      |
| Q104                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106      |
| Q105                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106      |
| Q106                | 8-729-029-04 | TRANSISTOR DTC123JUA-T106      |
| Q107                | 8-729-028-81 | TRANSISTOR DTA123JUA-T106      |
| Q108                | 8-729-029-04 | TRANSISTOR DTC123JUA-T106      |
| Q109                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106      |
| Q200                | 8-729-905-38 | TRANSISTOR 2SC4081T106R        |
| Q201                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR    |
| Q202                | 8-729-905-38 | TRANSISTOR 2SC4081T106R        |
| Q203                | 8-729-019-85 | TRANSISTOR 2SC3392-5-TB-E      |
| Q204                | 8-729-824-24 | TRANSISTOR 2SA1338-5-TB-E      |
| Q205                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106      |
| Q206                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106      |
| Q207                | 8-729-029-04 | TRANSISTOR DTC123JUA-T106      |
| Q208                | 8-729-905-38 | TRANSISTOR 2SC4081T106R        |
| Q209                | 8-729-029-04 | TRANSISTOR DTC123JUA-T106      |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q603                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR   |
| Q605                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| Q606                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| Q607                | 8-729-028-81 | TRANSISTOR DTA123JUA-T106     |
| Q608                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| Q609                | 6-550-374-01 | TRANSISTOR TPC8009-H T2LSONYF |
| Q612                | 6-550-374-01 | TRANSISTOR TPC8009-H T2LSONYF |
| Q613                | 6-550-374-01 | TRANSISTOR TPC8009-H T2LSONYF |
| Q615                | 6-550-374-01 | TRANSISTOR TPC8009-H T2LSONYF |
| Q617                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q618                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| Q700                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q701                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q702                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q703                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q704                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q705                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q708                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q709                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| Q710                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106     |
| R100                | 1-216-813-91 | RES, CHIP 220 1608            |
| R101                | 1-216-813-91 | RES, CHIP 220 1608            |
| R102                | 1-216-813-91 | RES, CHIP 220 1608            |
| R103                | 1-216-809-91 | RES, CHIP 100 1608            |
| R104                | 1-216-813-91 | RES, CHIP 220 1608            |
| R105                | 1-216-813-91 | RES, CHIP 220 1608            |
| R106                | 1-216-813-91 | RES, CHIP 220 1608            |
| R107                | 1-216-813-91 | RES, CHIP 220 1608            |
| R108                | 1-216-813-91 | RES, CHIP 220 1608            |
| R109                | 1-216-813-91 | RES, CHIP 220 1608            |
| R110                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R111                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R112                | 1-216-813-91 | RES, CHIP 220 1608            |
| R113                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R114                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R115                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R116                | 1-216-813-91 | RES, CHIP 220 1608            |
| R117                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R118                | 1-216-813-91 | RES, CHIP 220 1608            |
| R119                | 1-216-813-91 | RES, CHIP 220 1608            |
| R120                | 1-216-813-91 | RES, CHIP 220 1608            |
| R121                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R122                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R123                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R124                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R125                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R126                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R127                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R128                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R129                | 1-216-813-91 | RES, CHIP 220 1608            |
| R130                | 1-216-813-91 | RES, CHIP 220 1608            |
| R131                | 1-216-813-91 | RES, CHIP 220 1608            |
| R132                | 1-216-813-91 | RES, CHIP 220 1608            |
| R133                | 1-216-813-91 | RES, CHIP 220 1608            |
| R134                | 1-216-813-91 | RES, CHIP 220 1608            |
| R135                | 1-216-813-91 | RES, CHIP 220 1608            |
| R136                | 1-216-813-91 | RES, CHIP 220 1608            |
| R137                | 1-216-813-91 | RES, CHIP 220 1608            |
| R138                | 1-216-813-91 | RES, CHIP 220 1608            |



## EA BOARD (BVM-A24))

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| R139                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R140                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R141                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R142                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R143                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R144                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R145                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R146                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R147                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R148                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R149                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R150                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R151                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R152                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R153                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R155                | 1-218-872-91 | RES, CHIP 11K (1608)   |
| R156                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R157                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R158                | 1-216-827-91 | RES, CHIP 3.3K (1608)  |
| R159                | 1-216-822-91 | RES, CHIP 1.2K (1608)  |
| R161                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R162                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R163                | 1-216-825-91 | RES, CHIP 2.2K (1608)  |
| R164                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R200                | 1-218-871-91 | RES, CHIP 10K (1608)   |
| R201                | 1-218-871-91 | RES, CHIP 10K (1608)   |
| R202                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R203                | 1-218-863-91 | RES, CHIP 4.7K (1608)  |
| R204                | 1-218-887-91 | RES, CHIP 47K (1608)   |
| R205                | 1-218-887-91 | RES, CHIP 47K (1608)   |
| R206                | 1-218-871-91 | RES, CHIP 10K (1608)   |
| R207                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R208                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R211                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R212                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R213                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R218                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R219                | 1-218-847-91 | RES, CHIP 1.0K (1608)  |
| R220                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R221                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R224                | 1-218-887-91 | RES, CHIP 47K (1608)   |
| R225                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R226                | 1-218-871-91 | RES, CHIP 10K (1608)   |
| R227                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R228                | 1-218-877-91 | RES, CHIP 18K (1608)   |
| R229                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R230                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R231                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R232                | 1-218-861-91 | RES, CHIP 3.9K (1608)  |
| R233                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R234                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R235                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R238                | 1-218-887-91 | RES, CHIP 47K (1608)   |
| R239                | 1-218-851-91 | RES, CHIP 1.5K (1608)  |
| R241                | 1-218-859-91 | RES, CHIP 3.3K (1608)  |
| R242                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R243                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R245                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R247                | 1-216-809-91 | RES, CHIP 100 (1608)   |

## (EA BOARD (BVM-A24))

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| R248                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R249                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R250                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R251                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R252                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R253                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R257                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R258                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R259                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R260                | 1-216-821-91 | RES, CHIP 1.0K (1608)  |
| R261                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R262                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R263                | 1-216-849-91 | RES, CHIP 220K (1608)  |
| R264                | 1-218-901-91 | RES, CHIP 180K (1608)  |
| R265                | 1-218-879-91 | RES, CHIP 22K (1608)   |
| R267                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R268                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R270                | 1-216-857-91 | RES, CHIP 1.0M (1608)  |
| R271                | 1-216-837-91 | RES, CHIP 22K (1608)   |
| R272                | 1-218-852-91 | RES, CHIP 1.6K (1608)  |
| R273                | 1-218-839-91 | RES, CHIP 470 (1608)   |
| R275                | 1-216-825-91 | RES, CHIP 2.2K (1608)  |
| R276                | 1-218-858-91 | RES, CHIP 3.0K (1608)  |
| R277                | 1-218-855-91 | RES, CHIP 2.2K (1608)  |
| R278                | 1-218-838-91 | RES, CHIP 430 (1608)   |
| R279                | 1-218-871-91 | RES, CHIP 10K (1608)   |
| R280                | 1-216-857-91 | RES, CHIP 1.0M (1608)  |
| R282                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R283                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R284                | 1-218-887-91 | RES, CHIP 47K (1608)   |
| R285                | 1-218-869-91 | RES, CHIP 8.2K (1608)  |
| R287                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R289                | 1-216-857-91 | RES, CHIP 1.0M (1608)  |
| R290                | 1-216-805-91 | RES, CHIP 47 (1608)    |
| R292                | 1-216-809-91 | RES, CHIP 100 (1608)   |
| R294                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R295                | 1-216-837-91 | RES, CHIP 22K (1608)   |
| R296                | 1-216-825-91 | RES, CHIP 2.2K (1608)  |
| R301                | 1-216-813-91 | RES, CHIP 220 (1608)   |
| R302                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R303                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R304                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R305                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R307                | 1-216-797-91 | RES, CHIP 10 (1608)    |
| R308                | 1-216-815-91 | RES, CHIP 330 (1608)   |
| R309                | 1-216-815-91 | RES, CHIP 330 (1608)   |
| R310                | 1-216-815-91 | RES, CHIP 330 (1608)   |
| R311                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R312                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R313                | 1-216-845-91 | RES, CHIP 100K (1608)  |
| R314                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R315                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R323                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R325                | 1-216-833-91 | RES, CHIP 10K (1608)   |
| R400                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R403                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R404                | 1-216-829-91 | RES, CHIP 4.7K (1608)  |
| R407                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |
| R409                | 1-216-864-91 | CONDUCTOR, CHIP (1608) |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R410                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R413                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R415                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R417                | 1-216-801-91 | RES, CHIP 22 1608          |
| R418                | 1-216-801-91 | RES, CHIP 22 1608          |
| R419                | 1-216-797-91 | RES, CHIP 10 1608          |
| R420                | 1-216-801-91 | RES, CHIP 22 1608          |
| R421                | 1-216-801-91 | RES, CHIP 22 1608          |
| R422                | 1-216-801-91 | RES, CHIP 22 1608          |
| R423                | 1-216-825-91 | RES, CHIP 2.2K 1608        |
| R424                | 1-216-807-91 | RES, CHIP 68 1608          |
| R425                | 1-216-807-91 | RES, CHIP 68 1608          |
| R426                | 1-216-807-91 | RES, CHIP 68 1608          |
| R427                | 1-216-807-91 | RES, CHIP 68 1608          |
| R428                | 1-216-807-91 | RES, CHIP 68 1608          |
| R429                | 1-216-807-91 | RES, CHIP 68 1608          |
| R430                | 1-216-807-91 | RES, CHIP 68 1608          |
| R431                | 1-216-807-91 | RES, CHIP 68 1608          |
| R432                | 1-216-801-91 | RES, CHIP 22 1608          |
| R433                | 1-216-809-91 | RES, CHIP 100 1608         |
| R434                | 1-216-801-91 | RES, CHIP 22 1608          |
| R435                | 1-216-807-91 | RES, CHIP 68 1608          |
| R436                | 1-216-807-91 | RES, CHIP 68 1608          |
| R437                | 1-216-801-91 | RES, CHIP 22 1608          |
| R438                | 1-216-807-91 | RES, CHIP 68 1608          |
| R439                | 1-216-801-91 | RES, CHIP 22 1608          |
| R440                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R441                | 1-216-809-91 | RES, CHIP 100 1608         |
| R442                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R443                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R444                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R445                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R446                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R613                | 1-218-833-91 | RES, CHIP 270 1608         |
| R614                | 1-218-865-91 | RES, CHIP 5.6K 1608        |
| R616                | 1-218-871-91 | RES, CHIP 10K 1608         |
| R617                | 1-218-895-91 | RES, CHIP 100K 1608        |
| R619                | 1-219-706-21 | RES, CHIP SQUARE TYPE 0.10 |
| R620                | 1-216-809-91 | RES, CHIP 100 1608         |
| R621                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R622                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R623                | 1-216-827-91 | RES, CHIP 3.3K 1608        |
| R624                | 1-216-822-91 | RES, CHIP 1.2K 1608        |
| R627                | 1-218-867-91 | RES, CHIP 6.8K 1608        |
| R628                | 1-218-901-91 | RES, CHIP 180K 1608        |
| R629                | 1-218-905-91 | RES, CHIP 270K 1608        |
| R630                | 1-218-881-91 | RES, CHIP 27K 1608         |
| R631                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R632                | 1-218-873-91 | RES, CHIP 12K 1608         |
| R633                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R634                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R635                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R636                | 1-218-901-91 | RES, CHIP 180K 1608        |
| R638                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R640                | 1-218-849-91 | RES, CHIP 1.2K 1608        |
| R641                | 1-218-875-91 | RES, CHIP 15K 1608         |
| R642                | 1-218-861-91 | RES, CHIP 3.9K 1608        |
| R643                | 1-218-875-91 | RES, CHIP 15K 1608         |
| R644                | 1-218-863-91 | RES, CHIP 4.7K 1608        |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R645                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R646                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R647                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R648                | 1-216-793-91 | RES, CHIP 4.7 1608         |
| R649                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R700                | 1-216-845-91 | RES, CHIP 100K 1608        |
| R701                | 1-216-805-91 | RES, CHIP 47 1608          |
| R702                | 1-216-801-91 | RES, CHIP 22 1608          |
| R703                | 1-216-809-91 | RES, CHIP 100 1608         |
| R704                | 1-216-809-91 | RES, CHIP 100 1608         |
| R705                | 1-216-809-91 | RES, CHIP 100 1608         |
| R706                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R707                | 1-216-809-91 | RES, CHIP 100 1608         |
| R709                | 1-216-809-91 | RES, CHIP 100 1608         |
| R710                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R711                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R712                | 1-216-805-91 | RES, CHIP 47 1608          |
| R713                | 1-216-809-91 | RES, CHIP 100 1608         |
| R714                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R715                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R717                | 1-216-809-91 | RES, CHIP 100 1608         |
| R718                | 1-216-813-91 | RES, CHIP 220 1608         |
| R719                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R720                | 1-216-809-91 | RES, CHIP 100 1608         |
| R721                | 1-216-809-91 | RES, CHIP 100 1608         |
| R722                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R723                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R724                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R725                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R726                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R727                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R728                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R729                | 1-216-853-91 | RES, CHIP 470K 1608        |
| R730                | 1-216-853-91 | RES, CHIP 470K 1608        |
| R735                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R736                | 1-216-809-91 | RES, CHIP 100 1608         |
| R737                | 1-216-805-91 | RES, CHIP 47 1608          |
| R738                | 1-216-809-91 | RES, CHIP 100 1608         |
| R739                | 1-216-805-91 | RES, CHIP 47 1608          |
| R740                | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R741                | 1-216-823-91 | RES, CHIP 1.5K 1608        |
| R742                | 1-216-809-91 | RES, CHIP 100 1608         |
| R743                | 1-216-845-91 | RES, CHIP 100K 1608        |
| R744                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R745                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R746                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R747                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R748                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R749                | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R750                | 1-218-871-91 | RES, CHIP 10K 1608         |
| R751                | 1-218-879-91 | RES, CHIP 22K 1608         |
| R752                | 1-218-883-91 | RES, CHIP 33K 1608         |
| R753                | 1-218-878-91 | RES, CHIP 20K 1608         |
| R754                | 1-216-833-91 | RES, CHIP 10K 1608         |
| R755                | 1-216-809-91 | RES, CHIP 100 1608         |
| R756                | 1-216-809-91 | RES, CHIP 100 1608         |
| R757                | 1-216-809-91 | RES, CHIP 100 1608         |
| RB400               | 1-233-416-21 | RES, CHIP NETWORK 22K 3216 |

## EA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| RB401               | 1-233-415-21 | RES, CHIP NETWORK 10K 3216  |
| RB402               | 1-233-416-21 | RES, CHIP NETWORK 22K 3216  |
| RB403               | 1-233-416-21 | RES, CHIP NETWORK 22K 3216  |
| RB404               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB405               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB406               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB407               | 1-233-575-21 | RES, CHIP NETWORK 22 3216   |
| RB408               | 1-233-575-21 | RES, CHIP NETWORK 22 3216   |
| RB409               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB410               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB411               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB412               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB413               | 1-233-880-21 | RES, NETWORK 68 3216        |
| RB414               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| RB415               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| RB416               | 1-233-413-21 | RES, CHIP NETWORK 2.2K 3216 |
| S300                | 1-771-709-21 | SWITCH, SLIDE               |
| TP200               | 1-535-877-22 | CHIP, CHECKER               |
| TP201               | 1-535-877-22 | CHIP, CHECKER               |
| TP202               | 1-535-877-22 | CHIP, CHECKER               |
| TP203               | 1-535-877-22 | CHIP, CHECKER               |
| TP204               | 1-535-877-22 | CHIP, CHECKER               |
| TP400               | 1-535-877-22 | CHIP, CHECKER               |
| TP401               | 1-535-877-22 | CHIP, CHECKER               |
| TP609               | 1-535-877-22 | CHIP, CHECKER               |
| TP610               | 1-535-877-22 | CHIP, CHECKER               |
| TP700               | 1-535-877-22 | CHIP, CHECKER               |
| TP701               | 1-535-877-22 | CHIP, CHECKER               |
| TP702               | 1-535-877-22 | CHIP, CHECKER               |
| TP703               | 1-535-877-22 | CHIP, CHECKER               |
| TP704               | 1-535-877-22 | CHIP, CHECKER               |
| TP705               | 1-535-877-22 | CHIP, CHECKER               |
| TP706               | 1-535-877-22 | CHIP, CHECKER               |
| TP707               | 1-535-877-22 | CHIP, CHECKER               |
| TP708               | 1-535-877-22 | CHIP, CHECKER               |
| X300                | 1-795-984-11 | OSCILLATOR, CRYSTAL         |
| X400                | 1-795-984-11 | OSCILLATOR, CRYSTAL         |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description  |
|---------------------|--------------|---|
| 1pc                 | A-1091-305-A | RES MOUNTED CIRCUIT BOARD, E  |
| 1pc                 | 4-030-359-01 | HEAT SINK, H. PIN A1  |
| 1pc                 | 4-042-408-02 | PIN 45, WIRE A5   |
| 1pc                 | 4-053-101-02 | SPACER, DY CONNECTOR  |
| 1pc                 | 4-381-907-01 | INSULATOR A IC802 1   |
| 30pcs               | 4-382-854-01 | SCREW M3X8, P, SW +<br>Q8 1, 11 1, 13 1, 14 1, 18 1,<br>21 1, 26 1, 27 1, 30 1, 32 1,<br>36 1, 38 1, 40 1 IC500 1, 100 1,<br>101 1, 102 1, Q700 1, 701 1,<br>SPRING 3, HEATSINK D 3,<br>BRACKETHEAT 2, R57 1, 58 1, PIN 1 |
| 1pc                 | 4-662-796-01 | CLIP, COACHING  |
| C1                  | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C2                  | 1-130-495-91 | CAP, PE TEREPHTHALATE 0.1MF   |
| C3                  | 1-162-927-91 | CAP, CERAMIC 100PF CH 1608  |
| C4                  | 1-164-230-91 | CAP, CERAMIC 220PF CH 1608  |
| C5                  | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C6                  | 1-111-242-91 | CAP, ELECT 22MF   |
| C7                  | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C8                  | 1-164-644-91 | CAP, CERAMIC 330PF  |
| C9                  | 1-107-943-91 | CAP, ELECT 10MF   |
| C10                 | 1-162-968-91 | CAP, CHIP CERAMIC 4700PF B 1608   |
| C11                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C12                 | 1-117-677-21 | CAP, PP FILM S 3.3MF  |
| C13                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C14                 | 1-164-645-91 | CAP, CERAMIC 1000PF   |
| C15                 | 1-164-645-91 | CAP, CERAMIC 1000PF   |
| C16                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C17                 | 1-117-676-21 | CAP, PP FILM S 2.7MF  |
| C18                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C19                 | 1-125-787-91 | CAP, CERAMIC 680PF  |
| C20                 | 1-125-787-91 | CAP, CERAMIC 680PF  |
| C21                 | 1-112-759-11 | CAP, METALIZED PP FILM 2700PF   |
| C22                 | 1-112-761-11 | CAP, METALIZED PP FILM 3900PF   |
| C23                 | 1-100-550-11 | CAP, METALIZED PP FILM 3300PF   |
| C24                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C25                 | 1-117-407-11 | CAP, ELECT 47MF   |
| C26                 | 1-117-672-21 | CAP, PP FILM S 1.2MF  |
| C27                 | 1-125-787-91 | CAP, CERAMIC 680PF  |
| C28                 | 1-125-787-91 | CAP, CERAMIC 680PF  |
| C29                 | 1-137-350-51 | CAP, PP FILM 0.015MF  |
| C30                 | 1-104-709-91 | CAP, ELECT 4.7MF  |
| C31                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C32                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C33                 | 1-117-668-21 | CAP, PP FILM S 0.56MF   |
| C34                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C35                 | 1-127-573-91 | CAP, CHIP CERAMIC 1MF B 2012  |
| C36                 | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608  |
| C37                 | 1-117-664-21 | CAP, PP FILM S 0.27MF   |
| C38                 | 1-125-827-91 | CAP, CHIP CERAMIC 1MF B   |
| C39                 | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C40                 | 1-117-661-21 | CAP, PP FILM S 0.15MF   |
| C41                 | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C42                 | 1-119-858-21 | CAP, PP FILM S 0.068MF  |
| C43                 | 1-107-882-91 | CAP, ELECT 100MF  |
| C44                 | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C45                 | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608   |
| C46                 | 1-131-985-21 | CAP, PP FILM S 0.033MF  |
| C47                 | 1-125-827-91 | CAP, CHIP CERAMIC 1MF B   |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                      |
|---------------------|--------------|-------------------------------------|
| C48                 | 1-117-664-11 | § CAP, PP FILM S 0.27MF             |
| C49                 | 1-117-661-11 | § CAP, PP FILM S 0.15MF             |
| C50                 | 1-117-661-11 | § CAP, PP FILM S 0.15MF             |
| C51                 | 1-108-421-91 | § CAP, PE TEREPHTHALATE 0.01MF      |
| C52                 | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B           |
| C53                 | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608       |
| C100                | 1-107-492-91 | § CAP, ELECT 47MF                   |
| C101                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B      |
| C102                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B      |
| C103                | 1-100-597-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C104                | 1-100-597-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C105                | 1-104-652-91 | § CAP, ELECT 470MF                  |
| C106                | 1-104-652-91 | § CAP, ELECT 470MF                  |
| C107                | 1-128-528-91 | § CAP, ELECT 470MF                  |
| C108                | 1-128-528-91 | § CAP, ELECT 470MF                  |
| C109                | 1-104-652-91 | § CAP, ELECT 470MF                  |
| C110                | 1-104-652-91 | § CAP, ELECT 470MF                  |
| C111                | 1-128-525-91 | § CAP, ELECT 470MF                  |
| C112                | 1-128-525-91 | § CAP, ELECT 470MF                  |
| C113                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B      |
| C114                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B      |
| C115                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B      |
| C116                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B      |
| C117                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608       |
| C118                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608       |
| C119                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608       |
| C120                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608       |
| C200                | 1-107-823-91 | § CAP, CERAMIC 470000PF B 2012      |
| C201                | 1-115-416-91 | § CAP, CHIP CERAMIC 10000PF CH 1608 |
| C300                | 1-136-497-81 | § CAP, METALIZED FILM 0.1MF         |
| C301                | 1-137-370-91 | § CAP, PETP FILM 0.01MF             |
| C302                | 1-107-882-91 | § CAP, ELECT 100MF                  |
| C303                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C304                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C305                | 1-137-370-91 | § CAP, PETP FILM 0.01MF             |
| C306                | 1-165-176-91 | § CAP, CERAMIC 47000PF B 1608       |
| C307                | 1-107-882-91 | § CAP, ELECT 100MF                  |
| C308                | 1-136-497-81 | § CAP, METALIZED FILM 0.1MF         |
| C309                | 1-136-497-81 | § CAP, METALIZED FILM 0.1MF         |
| C310                | 1-107-882-91 | § CAP, ELECT 100MF                  |
| C311                | 1-107-882-91 | § CAP, ELECT 100MF                  |
| C400                | 1-128-525-91 | § CAP, ELECT 470MF                  |
| C401                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C402                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C403                | 1-128-525-91 | § CAP, ELECT 470MF                  |
| C404                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608        |
| C405                | 1-115-416-91 | § CAP, CHIP CERAMIC 1000PF CH 1608  |
| C407                | 1-111-242-91 | § CAP, ELECT 22MF                   |
| C408                | 1-162-927-91 | § CAP, CERAMIC 100PF CH 1608        |
| C409                | 1-164-227-91 | § CAP, CERAMIC 22000PF B 1608       |
| C410                | 1-162-969-91 | § CAP, CERAMIC 6800PF B 1608        |
| C412                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608    |
| C413                | 1-162-969-91 | § CAP, CERAMIC 6800PF B 1608        |
| C414                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608        |
| C415                | 1-162-964-91 | § CAP, CHIP CERAMIC 1000PF B 1608   |
| C416                | 1-107-882-91 | § CAP, ELECT 100MF                  |
| C417                | 1-108-421-91 | § CAP, PE TEREPHTHALATE 0.01MF      |
| C418                | 1-110-641-11 | § CAP, ELECT 33MF                   |
| C419                | 1-164-390-91 | § CAP, CERAMIC 330PF CH 1608        |
| C421                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608       |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| C422                | 1-162-915-91 | § CAP, CERAMIC 10PF CH 1608        |
| C500                | 1-128-525-91 | § CAP, ELECT 470MF                 |
| C501                | 1-107-882-91 | § CAP, ELECT 100MF                 |
| C502                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C503                | 1-128-525-91 | § CAP, ELECT 470MF                 |
| C504                | 1-162-965-91 | § CAP, CERAMIC 1500PF B 1608       |
| C505                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C506                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C507                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C508                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C509                | 1-107-888-91 | § CAP, ELECT 47MF                  |
| C600                | 1-131-608-91 | § CAP, CHIP CERAMIC 2.2MF B 3216   |
| C601                | 1-107-906-91 | § CAP, ELECT 10MF                  |
| C602                | 1-107-906-91 | § CAP, ELECT 10MF                  |
| C603                | 1-107-906-91 | § CAP, ELECT 10MF                  |
| C604                | 1-111-245-91 | § CAP, ELECT 22MF                  |
| C605                | 1-111-242-91 | § CAP, ELECT 22MF                  |
| C606                | 1-111-244-91 | § CAP, ELECT 47MF                  |
| C607                | 1-107-906-91 | § CAP, ELECT 10MF                  |
| C608                | 1-111-242-91 | § CAP, ELECT 22MF                  |
| C609                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C610                | 1-107-906-91 | § CAP, ELECT 10MF                  |
| C611                | 1-107-888-91 | § CAP, ELECT 47MF                  |
| C612                | 1-111-239-91 | § CAP, ELECT 47MF                  |
| C613                | 1-107-906-91 | § CAP, ELECT 10MF                  |
| C614                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C615                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B          |
| C616                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C617                | 1-125-827-91 | § CAP, CHIP CERAMIC 1MF B          |
| C618                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C619                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C620                | 1-115-340-91 | § CAP, CERAMIC 0.22MF B 2012       |
| C621                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C622                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C700                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C701                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C702                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608   |
| C703                | 1-115-416-91 | § CAP, CHIP CERAMIC 1000PF CH 1608 |
| C704                | 1-137-370-91 | § CAP, PETP FILM 0.01MF            |
| C800                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C804                | 1-107-491-91 | § CAP, ELECT 1000MF                |
| C805                | 1-162-964-91 | § CAP, CHIP CERAMIC 1000PF B 1608  |
| C806                | 1-107-491-91 | § CAP, ELECT 1000MF                |
| C807                | 1-162-969-91 | § CAP, CERAMIC 6800PF B 1608       |
| C809                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C810                | 1-107-826-91 | § CAP, CHIP CERAMIC 100000PF B     |
| C811                | 1-162-968-91 | § CAP, CHIP CERAMIC 4700PF B 1608  |
| C812                | 1-137-401-51 | § CAP, PETP FILM 0.22MF            |
| C813                | 1-107-911-91 | § CAP, ELECT 220MF                 |
| C814                | 1-136-497-81 | § CAP, METALIZED FILM 0.1MF        |
| C815                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C816                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C817                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| C818                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608      |
| CN1                 | 1-580-798-11 | ○ CONNECTOR PIN DY 6P              |
| CN100               | 1-817-753-11 | ○ CONNECTOR, BOARD TO BOARD 100P   |
| CN101               | 1-817-753-11 | ○ CONNECTOR, BOARD TO BOARD 100P   |
| D1                  | 8-719-404-50 | § DIODE MA111-TX                   |
| D2                  | 8-719-404-50 | § DIODE MA111-TX                   |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP | Description           |
|---------------------|--------------|----|-----------------------|
| D4                  | 8-719-030-44 | s  | DIODE 1R5GU41-TPA2    |
| D5                  | 8-719-404-50 | s  | DIODE MA111-TX        |
| D6                  | 8-719-404-50 | s  | DIODE MA111-TX        |
| D7                  | 8-719-052-31 | s  | DIODE D1NL40-TR2      |
| D8                  | 8-719-052-31 | s  | DIODE D1NL40-TR2      |
| D9                  | 8-719-303-21 | s  | DIODE RH-1AV1         |
| D10                 | 8-719-404-50 | s  | DIODE MA111-TX        |
| D11                 | 8-719-053-57 | s  | DIODE 5VUZ52          |
| D12                 | 8-719-936-83 | s  | DIODE GP08D-5001E3/23 |
| D16                 | 8-719-404-50 | s  | DIODE MA111-TX        |
| D18                 | 8-719-404-50 | s  | DIODE MA111-TX        |
| D19                 | 8-719-989-09 | s  | DIODE 1SS83TA         |
| D20                 | 8-719-404-50 | s  | DIODE MA111-TX        |
| D21                 | 8-719-037-22 | s  | DIODE RD12SB-T1       |
| D200                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D201                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D202                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D203                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D204                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D205                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D206                | 8-719-404-50 | s  | DIODE MA111-T         |
| D207                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D208                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D209                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D210                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D211                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D212                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D213                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D214                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D216                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D217                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D300                | 8-719-921-20 | s  | DIODE 1SS119-25TD     |
| D301                | 8-719-921-20 | s  | DIODE 1SS119-25TD     |
| D401                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D402                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D403                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D404                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D405                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D406                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D407                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D408                | 8-719-036-94 | s  | DIODE RD5.6SB-T1      |
| D409                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D410                | 6-500-219-01 | s  | DIODE 1SS404 TPH3     |
| D411                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D412                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D413                | 8-719-161-04 | s  | DIODE RD9.1SB-T1      |
| D414                | 6-500-746-01 | s  | DIODE D8LC20UR-7015   |
| D500                | 6-501-429-01 | s  | DIODE SF10NC15M       |
| D501                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D502                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D503                | 8-719-036-80 | s  | DIODE RD3.9SB-T1      |
| D504                | 6-501-429-01 | s  | DIODE SF10NC15M       |
| D505                | 8-719-036-67 | s  | DIODE RD2.4SB-T1      |
| D506                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D507                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D509                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D510                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D600                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D601                | 8-719-404-50 | s  | DIODE MA111-TX        |
| D602                | 8-719-404-50 | s  | DIODE MA111-TX        |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.       | SP | Description                 |
|---------------------|----------------|----|-----------------------------|
| D603                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D604                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D605                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D606                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D607                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D608                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D609                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D610                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D611                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D612                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D613                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D614                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D615                | 8-719-404-50   | s  | DIODE MA111-TX              |
| D700                | 8-719-974-84   | s  | DIODE ERA91-02TP1           |
| D800                | 8-719-936-83   | s  | DIODE GP08D-5001E3/23       |
| D801                | 8-719-036-91   | s  | DIODE RD5.1SB-T1            |
| FB400               | 1-543-963-22   | s  | BEAD, FERRITE CHIP 2012     |
| FB401               | 1-410-397-31   | s  | FERRITE BEAD INDUCTOR 1.1UH |
| FB402               | 1-410-397-31   | s  | FERRITE BEAD INDUCTOR 1.1UH |
| FB700               | 1-412-911-21   | s  | INDUCTOR, FERRITE BEAD      |
| FB701               | 1-412-911-21   | s  | INDUCTOR, FERRITE BEAD      |
| FL100               | 1-236-164-41   | s  | ENCAPSULATED COMPONENT      |
| FL101               | 1-236-164-41   | s  | ENCAPSULATED COMPONENT      |
| IC1                 | 6-706-488-01   | s  | IC TC7SH14FU T5RSOYJF       |
| IC2                 | 8-759-276-28   | s  | IC LM393PS-E20              |
| IC100               | 8-759-925-54   | s  | IC LM2940CT-5.0 NOPB        |
| IC101               | 8-759-701-79   | s  | IC NJM7812FA                |
| IC102               | 8-759-929-65   | s  | IC LM7912CT                 |
| IC103               | 8-759-539-89   | s  | IC LM2990SX-5.0             |
| IC104               | 8-759-656-54   | s  | IC TC7WH14FK TE85R          |
| IC105               | 8-752-072-94   | s  | IC CXA1875AM-T4             |
| IC106               | 8-759-157-42   | s  | IC TL082CPS-E20             |
| IC300               | 8-759-822-38   | s  | IC LA6510                   |
| IC301               | 8-759-803-42   | s  | IC LA6500-FA                |
| IC400               | 8-759-585-82   | s  | IC BA9759F-E2               |
| IC500               | 8-759-803-42   | s  | IC LA6500-FA                |
| IC501               | 8-759-249-16   | s  | IC NJM4558M-TE2             |
| IC502               | 8-759-276-28   | s  | IC LM393PS-E20              |
| IC600               | 8-759-329-01   | s  | IC LM339NSR                 |
| IC601               | 8-759-329-01   | s  | IC LM339NSR                 |
| IC602               | 8-759-249-16   | s  | IC NJM4558M-TE2             |
| IC700               | 8-759-157-42   | s  | IC TL082CPS-E20             |
| IC800               | 8-759-157-42   | s  | IC TL082CPS-E20             |
| IC801               | 8-759-157-42   | s  | IC TL082CPS-E20             |
| IC802               | 8-759-696-71   | s  | IC STV9379A                 |
| L1                  | 1-457-127-11   | s  | COIL, HORIZONTAL LINEARITY  |
| L2                  | 1-457-129-11   | s  | COIL, HORIZONTAL LINEARITY  |
| L4                  | 1-406-670-21   | s  | COIL, CHOKE 680UH           |
| L5                  | 1-406-989-21   | s  | COIL, CHOKE 10MMH           |
| L6                  | 1-406-673-21   | s  | COIL, CHOKE 2.2MMH          |
| L7                  | 1-406-673-21   | s  | COIL, CHOKE 2.2MMH          |
| L400                | 1-406-661-21   | s  | COIL, CHOKE 22UH            |
| L500                | Δ 1-406-892-11 | s  | COIL, CHOKE 4MMH            |
| L700                | 1-419-884-11   | s  | COIL, HORIZONATAL LINEARITY |
| PS500               | 1-576-124-21   | s  | LINK, IC 1A 72V             |
| PS501               | 1-576-124-21   | s  | LINK, IC 1A 72V             |
| Q1                  | 8-729-905-38   | s  | TRANSISTOR 2SC4081T106R     |

## E BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| Q2                  | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR  |
| Q3                  | 8-729-208-55 | s TRANSISTOR 2SC2878A-TPE2     |
| Q4                  | 8-729-208-55 | s TRANSISTOR 2SC2878A-TPE2     |
| Q5                  | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q6                  | 8-729-048-47 | s TRANSISTOR 2SC2688(5)-LK     |
| Q7                  | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q8                  | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q9                  | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR  |
| Q10                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q11                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q12                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q13                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q14                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q15                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q16                 | 6-550-880-01 | s TRANSISTOR 2SC5716(LBSONY.F) |
| Q17                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q18                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q19                 | 8-729-140-10 | s TRANSISTOR 2SA1221-T-KLM     |
| Q20                 | 8-729-044-21 | s TRANSISTOR 2SK2655-01R-F165  |
| Q21                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q22                 | 8-729-034-60 | s TRANSISTOR 2SK2350           |
| Q23                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q24                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q26                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q27                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q28                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q30                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q31                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q32                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q34                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q35                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q36                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q37                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q38                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q39                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q40                 | 8-729-053-24 | s TRANSISTOR 2SK3262-01MR      |
| Q41                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q42                 | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q100                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q101                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q200                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q201                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q202                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q203                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q204                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q205                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q206                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q207                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q400                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q401                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q402                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q403                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q404                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q405                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q406                | 8-729-231-96 | s TRANSISTOR 2SK880GR-TE85L    |
| Q407                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q408                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q410                | 8-729-803-76 | s TRANSISTOR 2SA1371-E         |
| Q411                | 8-729-019-85 | s TRANSISTOR 2SC3392-5-TB-E    |

## (E BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q412                | 8-729-824-24 | s TRANSISTOR 2SA1338-5-TB-E   |
| Q413                | 8-729-050-13 | s TRANSISTOR 2SJ585LS-CC11    |
| Q415                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R     |
| Q500                | 8-729-140-51 | s TRANSISTOR 2SC3209LK-TP     |
| Q501                | 8-729-112-85 | s TRANSISTOR 2SA1330-T106     |
| Q502                | 8-729-112-85 | s TRANSISTOR 2SA1330-T106     |
| Q503                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q504                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q505                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q506                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q507                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q508                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q509                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q510                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q511                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR |
| Q600                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106   |
| Q601                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q602                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q603                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106   |
| Q604                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q605                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106   |
| Q606                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q607                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106   |
| Q608                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106   |
| Q609                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q610                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106   |
| Q611                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106   |
| Q612                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106   |
| Q613                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106   |
| Q614                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106   |
| Q615                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q616                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q617                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106   |
| Q618                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106   |
| Q619                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q620                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q621                | 8-729-028-81 | s TRANSISTOR DTA123JUA-T106   |
| Q622                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q623                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q624                | 8-729-029-04 | s TRANSISTOR DTC123JUA-T106   |
| Q625                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q626                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q627                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q628                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q629                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q630                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q631                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q632                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q633                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q700                | 8-729-209-15 | s TRANSISTOR 2SD2012          |
| Q701                | 8-729-209-60 | s TRANSISTOR 2SB1375          |
| Q800                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR |
| Q801                | 8-729-231-96 | s TRANSISTOR 2SK880GR-TE85L   |
| Q802                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR |
| Q803                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R     |
| Q900                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR |
| R1                  | 1-216-809-91 | s RES, CHIP 100 (1608         |
| R2                  | 1-216-809-91 | s RES, CHIP 100 (1608         |
| R3                  | 1-216-822-91 | s RES, CHIP 1.2K (1608        |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R4                  | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R5                  | 1-216-825-91 | RES, CHIP 2.2K 1608        |
| R6                  | 1-216-833-91 | RES, CHIP 10K 1608         |
| R7                  | 1-216-809-91 | RES, CHIP 100 1608         |
| R8                  | 1-216-845-91 | RES, CHIP 100K 1608        |
| R9                  | 1-215-916-71 | RES, METAL OXIDE FILM 680  |
| R10                 | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R11                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R12                 | 1-215-916-71 | RES, METAL OXIDE FILM 680  |
| R13                 | 1-216-809-91 | RES, CHIP 100 1608         |
| R14                 | 1-216-831-91 | RES, CHIP 6.8K 1608        |
| R15                 | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R16                 | 1-215-916-71 | RES, METAL OXIDE FILM 680  |
| R17                 | 1-247-775-91 | RES, CARBON SMALL 4.7      |
| R18                 | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R19                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R20                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R21                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R22                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R23                 | 1-216-462-71 | RES, METAL OXIDE FILM 8.2K |
| R24                 | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R25                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R26                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R27                 | 1-214-840-81 | RES, METAL FILM 100        |
| R28                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K  |
| R29                 | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R30                 | 1-211-824-71 | RES, FUSE 220              |
| R31                 | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R32                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R33                 | 1-211-824-71 | RES, FUSE 220              |
| R34                 | 1-216-381-71 | RES, METAL OXIDE FILM 0.22 |
| R35                 | 1-216-381-71 | RES, METAL OXIDE FILM 0.22 |
| R36                 | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R37                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R38                 | 1-216-380-71 | RES, METAL OXIDE FILM 8.2  |
| R39                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K  |
| R40                 | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R41                 | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R42                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R43                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R44                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R45                 | 1-216-829-91 | RES, CHIP 4.7K 1608        |
| R46                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R47                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R48                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R49                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K  |
| R50                 | 1-216-821-91 | RES, CHIP 1.0K 1608        |
| R51                 | 1-216-825-91 | RES, CHIP 2.2K 1608        |
| R52                 | 1-216-841-91 | RES, CHIP 47K 1608         |
| R53                 | 1-216-841-91 | RES, CHIP 47K 1608         |
| R54                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R57                 | 1-245-949-11 | RES, METAL FILM 22         |
| R58                 | 1-245-949-11 | RES, METAL FILM 22         |
| R60                 | 1-215-912-71 | RES, METAL OXIDE FILM 150  |
| R61                 | 1-215-912-71 | RES, METAL OXIDE FILM 150  |
| R62                 | 1-215-912-71 | RES, METAL OXIDE FILM 150  |
| R63                 | 1-216-825-91 | RES, CHIP 2.2K 1608        |
| R64                 | 1-216-845-91 | RES, CHIP 100K 1608        |
| R65                 | 1-216-833-91 | RES, CHIP 10K 1608         |
| R67                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K  |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R68                 | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R69                 | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R70                 | 1-216-833-91 | RES, CHIP 10K 1608          |
| R71                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R72                 | 1-260-130-81 | RES, CARBON SMALL TYPE 390K |
| R75                 | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R76                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R77                 | 1-218-873-91 | RES, CHIP 12K 1608          |
| R78                 | 1-216-833-91 | RES, CHIP 10K 1608          |
| R79                 | 1-218-883-91 | RES, CHIP 33K 1608          |
| R80                 | 1-218-875-91 | RES, CHIP 15K 1608          |
| R81                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R82                 | 1-216-829-91 | RES, CHIP 4.7K 1608         |
| R83                 | 1-216-809-91 | RES, CHIP 100 1608          |
| R84                 | 1-218-879-91 | RES, CHIP 22K 1608          |
| R85                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R86                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R87                 | 1-216-829-91 | RES, CHIP 4.7K 1608         |
| R88                 | 1-216-809-91 | RES, CHIP 100 1608          |
| R89                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R90                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R91                 | 1-216-829-91 | RES, CHIP 4.7K 1608         |
| R92                 | 1-216-809-91 | RES, CHIP 100 1608          |
| R93                 | 1-216-857-91 | RES, CHIP 1.0M 1608         |
| R94                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R95                 | 1-216-838-91 | RES, CHIP 27K 1608          |
| R96                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R97                 | 1-214-913-81 | RES, METAL FILM 100K        |
| R98                 | 1-218-870-91 | RES, CHIP 9.1K 1608         |
| R99                 | 1-218-863-91 | RES, CHIP 4.7K 1608         |
| R100                | 1-216-809-91 | RES, CHIP 100 1608          |
| R101                | 1-216-805-91 | RES, CHIP 47 1608           |
| R102                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R103                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R104                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R105                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R106                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R107                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R108                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R109                | 1-216-813-91 | RES, CHIP 220 1608          |
| R110                | 1-216-813-91 | RES, CHIP 220 1608          |
| R111                | 1-216-809-91 | RES, CHIP 100 1608          |
| R112                | 1-218-871-91 | RES, CHIP 10K 1608          |
| R113                | 1-218-902-91 | RES, CHIP 200K 1608         |
| R114                | 1-216-809-91 | RES, CHIP 100 1608          |
| R115                | 1-216-809-91 | RES, CHIP 100 1608          |
| R116                | 1-216-809-91 | RES, CHIP 100 1608          |
| R117                | 1-216-809-91 | RES, CHIP 100 1608          |
| R118                | 1-216-809-91 | RES, CHIP 100 1608          |
| R120                | 1-216-295-91 | RES, CONDUCTOR, CHIP 2012   |
| R121                | 1-216-295-91 | RES, CONDUCTOR, CHIP 2012   |
| R123                | 1-216-809-91 | RES, CHIP 100 1608          |
| R124                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R125                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R126                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R127                | 1-216-864-91 | RES, CONDUCTOR, CHIP 1608   |
| R200                | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R201                | 1-216-857-91 | RES, CHIP 1.0M 1608         |
| R202                | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R203                | 1-216-821-91 | RES, CHIP 1.0K 1608         |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| R205                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R206                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R207                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R208                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R209                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R210                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R211                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R212                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R300                | 1-249-425-91 | RES, CARBON SMALL 4.7K |
| R301                | 1-249-392-91 | RES, CARBON SMALL 8.2  |
| R302                | 1-249-377-91 | RES, CARBON SMALL 0.47 |
| R303                | 1-247-767-91 | RES, CARBON SMALL 2.2  |
| R304                | 1-247-783-91 | RES, CARBON SMALL 10   |
| R305                | 1-216-826-91 | RES, CHIP 2.7K 1608    |
| R306                | 1-216-841-91 | RES, CHIP 47K 1608     |
| R307                | 1-216-821-91 | RES, CHIP 1.0K 1608    |
| R308                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R309                | 1-216-821-91 | RES, CHIP 1.0K 1608    |
| R310                | 1-216-824-91 | RES, CHIP 1.8K 1608    |
| R311                | 1-216-839-91 | RES, CHIP 33K 1608     |
| R312                | 1-218-871-91 | RES, CHIP 10K 1608     |
| R313                | 1-218-871-91 | RES, CHIP 10K 1608     |
| R314                | 1-218-883-91 | RES, CHIP 33K 1608     |
| R315                | 1-216-847-91 | RES, CHIP 150K 1608    |
| R316                | 1-216-837-91 | RES, CHIP 22K 1608     |
| R317                | 1-218-883-91 | RES, CHIP 33K 1608     |
| R318                | 1-218-871-91 | RES, CHIP 10K 1608     |
| R319                | 1-247-767-91 | RES, CARBON SMALL 2.2  |
| R320                | 1-247-783-91 | RES, CARBON SMALL 10   |
| R321                | 1-249-377-91 | RES, CARBON SMALL 0.47 |
| R322                | 1-247-783-91 | RES, CARBON SMALL 10   |
| R323                | 1-249-433-91 | RES, CARBON SMALL 22K  |
| R324                | 1-249-401-91 | RES, CARBON SMALL 47   |
| R325                | 1-249-377-91 | RES, CARBON SMALL 0.47 |
| R326                | 1-249-414-91 | RES, CARBON SMALL 560  |
| R327                | 1-249-393-91 | RES, CARBON SMALL 10   |
| R400                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R401                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R402                | 1-216-825-91 | RES, CHIP 2.2K 1608    |
| R403                | 1-218-865-91 | RES, CHIP 5.6K 1608    |
| R404                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R406                | 1-218-858-91 | RES, CHIP 3.0K 1608    |
| R408                | 1-218-876-91 | RES, CHIP 16K 1608     |
| R410                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R411                | 1-218-855-91 | RES, CHIP 2.2K 1608    |
| R412                | 1-218-885-91 | RES, CHIP 39K 1608     |
| R413                | 1-218-863-91 | RES, CHIP 4.7K 1608    |
| R415                | 1-218-865-91 | RES, CHIP 5.6K 1608    |
| R416                | 1-218-854-91 | RES, CHIP 2.0K 1608    |
| R418                | 1-216-845-91 | RES, CHIP 100K 1608    |
| R419                | 1-218-887-91 | RES, CHIP 47K 1608     |
| R420                | 1-216-809-91 | RES, CHIP 100 1608     |
| R421                | 1-218-889-91 | RES, CHIP 56K 1608     |
| R422                | 1-218-857-91 | RES, CHIP 2.7K 1608    |
| R423                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R424                | 1-218-859-91 | RES, CHIP 3.3K 1608    |
| R425                | 1-218-859-91 | RES, CHIP 3.3K 1608    |
| R426                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R427                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R428                | 1-218-879-91 | RES, CHIP 22K 1608     |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R429                | 1-218-869-91 | RES, CHIP 8.2K 1608             |
| R430                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R431                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R432                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R433                | 1-216-809-91 | RES, CHIP 100 1608              |
| R434                | 1-218-886-91 | RES, CHIP 43K 1608              |
| R435                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R436                | 1-215-479-91 | RES, METAL FILM SMALL TYPE 270K |
| R437                | 1-216-829-91 | RES, CHIP 4.7K 1608             |
| R438                | 1-216-369-71 | RES, METAL OXIDE FILM 1.0       |
| R439                | 1-215-473-91 | RES, METAL FILM SMALL TYPE 150K |
| R440                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R441                | 1-215-479-91 | RES, METAL FILM SMALL TYPE 270K |
| R442                | 1-216-837-91 | RES, CHIP 22K 1608              |
| R443                | 1-249-397-91 | RES, CARBON SMALL 22            |
| R453                | 1-216-864-91 | CONDUCTOR, CHIP 1608            |
| R454                | 1-216-864-91 | CONDUCTOR, CHIP 1608            |
| R455                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R456                | 1-216-825-91 | RES, CHIP 2.2K 1608             |
| R500                | 1-249-381-91 | RES, CARBON SMALL 1             |
| R501                | 1-216-809-91 | RES, CHIP 100 1608              |
| R502                | 1-216-809-91 | RES, CHIP 100 1608              |
| R503                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R504                | 1-249-381-91 | RES, CARBON SMALL 1             |
| R505                | 1-216-369-71 | RES, METAL OXIDE FILM 1.0       |
| R506                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R507                | 1-218-855-91 | RES, CHIP 2.2K 1608             |
| R508                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R509                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R510                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R511                | 1-216-853-91 | RES, CHIP 470K 1608             |
| R512                | 1-218-885-91 | RES, CHIP 39K 1608              |
| R513                | 1-218-878-91 | RES, CHIP 20K 1608              |
| R514                | 1-218-865-91 | RES, CHIP 5.6K 1608             |
| R515                | 1-218-873-91 | RES, CHIP 12K 1608              |
| R516                | 1-218-856-91 | RES, CHIP 2.4K 1608             |
| R517                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R518                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R519                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R520                | 1-218-889-91 | RES, CHIP 56K 1608              |
| R521                | 1-218-889-91 | RES, CHIP 56K 1608              |
| R522                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R523                | 1-216-845-91 | RES, CHIP 100K 1608             |
| R524                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R525                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R526                | 1-218-871-91 | RES, CHIP 10K 1608              |
| R527                | 1-218-863-91 | RES, CHIP 4.7K 1608             |
| R528                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R529                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R530                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R531                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R600                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R601                | 1-216-847-91 | RES, CHIP 150K 1608             |
| R602                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R603                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R604                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R605                | 1-216-823-91 | RES, CHIP 1.5K 1608             |
| R606                | 1-216-827-91 | RES, CHIP 3.3K 1608             |
| R608                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R610                | 1-216-822-91 | RES, CHIP 1.2K 1608             |



## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R611                | 1-216-827-91 | RES, CHIP 3.3K 1608            |
| R612                | 1-216-822-91 | RES, CHIP 1.2K 1608            |
| R613                | 1-216-827-91 | RES, CHIP 3.3K 1608            |
| R614                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R616                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R617                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R618                | 1-216-822-91 | RES, CHIP 1.2K 1608            |
| R619                | 1-216-827-91 | RES, CHIP 3.3K 1608            |
| R620                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R621                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R622                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R623                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R624                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R625                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R626                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R627                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R628                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R629                | 1-216-857-91 | RES, CHIP 1.0M 1608            |
| R630                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R631                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R632                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R633                | 1-216-857-91 | RES, CHIP 1.0M 1608            |
| R634                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R635                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R636                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R638                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R639                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R640                | 1-216-849-91 | RES, CHIP 220K 1608            |
| R641                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R642                | 1-216-849-91 | RES, CHIP 220K 1608            |
| R643                | 1-218-863-91 | RES, CHIP 4.7K 1608            |
| R644                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R645                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R646                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R647                | 1-216-857-91 | RES, CHIP 1.0M 1608            |
| R648                | 1-216-841-91 | RES, CHIP 47K 1608             |
| R649                | 1-216-841-91 | RES, CHIP 47K 1608             |
| R650                | 1-218-875-91 | RES, CHIP 15K 1608             |
| R651                | 1-218-857-91 | RES, CHIP 2.7K 1608            |
| R652                | 1-216-850-91 | RES, CHIP 270K 1608            |
| R653                | 1-216-821-91 | RES, CHIP 1.0K 1608            |
| R654                | 1-216-821-91 | RES, CHIP 1.0K 1608            |
| R655                | 1-216-850-91 | RES, CHIP 270K 1608            |
| R656                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R657                | 1-218-865-91 | RES, CHIP 5.6K 1608            |
| R658                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R659                | 1-218-895-91 | RES, CHIP 100K 1608            |
| R660                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R661                | 1-218-895-91 | RES, CHIP 100K 1608            |
| R662                | 1-218-869-91 | RES, CHIP 8.2K 1608            |
| R663                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R700                | 1-218-855-91 | RES, CHIP 2.2K 1608            |
| R701                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R702                | 1-218-848-91 | RES, CHIP 1.1K 1608            |
| R703                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R704                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R705                | 1-215-453-91 | RES, METAL FILM SMALL TYPE 22K |
| R706                | 1-216-821-91 | RES, CHIP 1.0K 1608            |
| R707                | 1-215-884-71 | RES, METAL OXIDE FILM 47       |
| R708                | 1-215-913-71 | RES, METAL OXIDE FILM 220      |

## E BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.       | SP Description                   |
|---------------------|----------------|----------------------------------|
| R709                | 1-215-913-71   | RES, METAL OXIDE FILM 220        |
| R803                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R804                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R805                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R807                | 1-216-841-91   | RES, CHIP 47K 1608               |
| R808                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R809                | 1-216-833-91   | RES, CHIP 10K 1608               |
| R810                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R811                | 1-216-841-91   | RES, CHIP 47K 1608               |
| R812                | 1-218-879-91   | RES, CHIP 22K 1608               |
| R813                | 1-218-883-91   | RES, CHIP 33K 1608               |
| R814                | 1-260-292-71   | RES, CARBON 1.0                  |
| R815                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R816                | 1-218-855-91   | RES, CHIP 2.2K 1608              |
| R817                | 1-260-292-71   | RES, CARBON 1.0                  |
| R818                | 1-216-835-91   | RES, CHIP 15K 1608               |
| R819                | 1-218-856-91   | RES, CHIP 2.4K 1608              |
| R820                | 1-218-855-91   | RES, CHIP 2.2K 1608              |
| R821                | 1-218-875-91   | RES, CHIP 15K 1608               |
| R822                | 1-218-879-91   | RES, CHIP 22K 1608               |
| R823                | 1-218-871-91   | RES, CHIP 10K 1608               |
| R824                | 1-218-856-91   | RES, CHIP 2.4K 1608              |
| R825                | 1-249-381-91   | RES, CARBON SMALL 1              |
| R826                | 1-216-833-91   | RES, CHIP 10K 1608               |
| R827                | 1-216-833-91   | RES, CHIP 10K 1608               |
| R828                | 1-214-798-81   | RES, METAL FILM 1.8              |
| R829                | 1-215-865-71   | RES, METAL OXIDE FILM 220        |
| R830                | 1-214-798-81   | RES, METAL FILM 1.8              |
| R831                | 1-216-829-91   | RES, CHIP 4.7K 1608              |
| R832                | 1-216-809-91   | RES, CHIP 100 1608               |
| R833                | 1-216-829-91   | RES, CHIP 4.7K 1608              |
| R900                | 1-216-805-91   | RES, CHIP 47 1608                |
| R901                | 1-216-821-91   | RES, CHIP 1.0K 1608              |
| R902                | 1-216-827-91   | RES, CHIP 3.3K 1608              |
| R903                | 1-216-827-91   | RES, CHIP 3.3K 1608              |
| R904                | 1-216-827-91   | RES, CHIP 3.3K 1608              |
| RY1                 | 1-755-129-11   | RES, RELAY                       |
| T1                  | Δ 1-431-443-11 | RES, TRANSFORMER, FERRITE HST    |
| T2                  | Δ 1-427-762-11 | RES, TRANSFORMER, FERRITE HDT    |
| T3                  | 1-435-183-11   | RES, TRANSFORMER, FERRITE HOT    |
| TH801               | 1-807-925-21   | RES, THERMISTOR                  |
| TP1                 | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP2                 | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP3                 | 1-508-784-14   | RES, PIN, CONNECTOR 5MM PITCH 1P |
| TP101               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP105               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP106               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP107               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP108               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP300               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP700               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP800               | 1-535-877-22   | RES, CHIP, CHECKER               |
| TP801               | 1-535-877-22   | RES, CHIP, CHECKER               |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description  |
|---------------------|--------------|---|
| 1pc                 | A-1091-094-A | s MOUNTED CIRCUIT BOARD, E  |
| 1pc                 | 4-030-359-01 | o HEAT SINK, H. PIN A1  |
| 1pc                 | 4-042-408-02 | o PIN 45, WIRE A5   |
| 1pc                 | 4-053-101-02 | o SPACER, DY CONNECTOR  |
| 1pc                 | 4-381-907-01 | s INSULATOR A IC802 1   |
| 30pcs               | 4-382-854-01 | s SCREW M3X8, P, SW +<br>Q8 1, 11 1, 13 1, 14 1, 18 1,<br>21 1, 26 1, 27 1, 30 1, 32 1,<br>36 1, 38 1, 40 1 IC500 1, 100 1,<br>101 1, 102 1, Q700 1, 701 1,<br>SPRING 3, HEATSINK D 3,<br>BRACKETHEAT 2, R57 1, 58 1, PIN 1 |
| 1pc                 | 4-662-796-01 | o CLIP, COACHING  |
| C1                  | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608   |
| C2                  | 1-130-495-91 | s CAP, PE TEREPHTHALATE 0.1MF   |
| C3                  | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608  |
| C4                  | 1-164-230-91 | s CAP, CERAMIC 220PF CH 1608  |
| C5                  | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608   |
| C6                  | 1-111-242-91 | s CAP, ELECT 22MF   |
| C7                  | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C8                  | 1-164-644-91 | s CAP, CERAMIC 330PF  |
| C9                  | 1-107-943-91 | s CAP, ELECT 10MF   |
| C10                 | 1-162-968-91 | s CAP, CHIP CERAMIC 4700PF B 1608   |
| C11                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C12                 | 1-117-677-21 | s CAP, PP FILM S 3.3MF  |
| C13                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C14                 | 1-164-645-91 | s CAP, CERAMIC 1000PF   |
| C15                 | 1-164-645-91 | s CAP, CERAMIC 1000PF   |
| C16                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C17                 | 1-117-678-21 | s CAP, PP FILM S 3.0MF  |
| C18                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C19                 | 1-125-787-91 | s CAP, CERAMIC 680PF  |
| C20                 | 1-125-787-91 | s CAP, CERAMIC 680PF  |
| C21                 | 1-112-760-11 | s CAP, METALIZED PP FILM 2200PF   |
| C22                 | 1-112-761-11 | s CAP, METALIZED PP FILM 3900PF   |
| C23                 | 1-112-762-11 | s CAP, METALIZED PP FILM 1500PF   |
| C24                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C25                 | 1-117-407-11 | s CAP, ELECT 47MF   |
| C26                 | 1-117-672-21 | s CAP, PP FILM S 1.2MF  |
| C27                 | 1-125-787-91 | s CAP, CERAMIC 680PF  |
| C28                 | 1-125-787-91 | s CAP, CERAMIC 680PF  |
| C29                 | 1-137-350-51 | s CAP, PP FILM 0.015MF  |
| C30                 | 1-104-709-91 | s CAP, ELECT 4.7MF  |
| C31                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C32                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C33                 | 1-117-668-21 | s CAP, PP FILM S 0.56MF   |
| C34                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C35                 | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B 2012  |
| C36                 | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608  |
| C37                 | 1-117-664-21 | s CAP, PP FILM S 0.27MF   |
| C38                 | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B   |
| C39                 | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608   |
| C40                 | 1-117-661-21 | s CAP, PP FILM S 0.15MF   |
| C41                 | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608   |
| C42                 | 1-119-858-21 | s CAP, PP FILM S 0.068MF  |
| C43                 | 1-107-882-91 | s CAP, ELECT 100MF  |
| C44                 | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608   |
| C45                 | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608   |
| C46                 | 1-131-985-21 | s CAP, PP FILM S 0.033MF  |
| C47                 | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B   |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                      |
|---------------------|--------------|-------------------------------------|
| C48                 | 1-119-858-11 | s CAP, PP FILM S 0.068MF            |
| C49                 | 1-117-661-11 | s CAP, PP FILM S 0.15MF             |
| C50                 | 1-117-661-11 | s CAP, PP FILM S 0.15MF             |
| C51                 | 1-108-421-91 | s CAP, PE TEREPHTHALATE 0.01MF      |
| C52                 | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B           |
| C53                 | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608       |
| C100                | 1-107-492-91 | s CAP, ELECT 47MF                   |
| C101                | 1-107-826-91 | s CAP, CHIP CERAMIC 100000PF B      |
| C102                | 1-107-826-91 | s CAP, CHIP CERAMIC 100000PF B      |
| C103                | 1-100-597-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C104                | 1-100-597-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C105                | 1-104-652-91 | s CAP, ELECT 470MF                  |
| C106                | 1-104-652-91 | s CAP, ELECT 470MF                  |
| C107                | 1-128-528-91 | s CAP, ELECT 470MF                  |
| C108                | 1-128-528-91 | s CAP, ELECT 470MF                  |
| C109                | 1-104-652-91 | s CAP, ELECT 470MF                  |
| C110                | 1-104-652-91 | s CAP, ELECT 470MF                  |
| C111                | 1-128-525-91 | s CAP, ELECT 470MF                  |
| C112                | 1-128-525-91 | s CAP, ELECT 470MF                  |
| C113                | 1-107-826-91 | s CAP, CHIP CERAMIC 100000PF B      |
| C114                | 1-107-826-91 | s CAP, CHIP CERAMIC 100000PF B      |
| C115                | 1-107-826-91 | s CAP, CHIP CERAMIC 100000PF B      |
| C116                | 1-107-826-91 | s CAP, CHIP CERAMIC 100000PF B      |
| C117                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608       |
| C118                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608       |
| C119                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608       |
| C120                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608       |
| C200                | 1-107-823-91 | s CAP, CERAMIC 470000PF B 2012      |
| C201                | 1-115-416-91 | s CAP, CHIP CERAMIC 10000PF CH 1608 |
| C300                | 1-136-497-81 | s CAP, METALIZED FILM 0.1MF         |
| C301                | 1-137-370-91 | s CAP, PETP FILM 0.01MF             |
| C302                | 1-107-882-91 | s CAP, ELECT 100MF                  |
| C303                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C304                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C305                | 1-137-370-91 | s CAP, PETP FILM 0.01MF             |
| C307                | 1-107-882-91 | s CAP, ELECT 100MF                  |
| C308                | 1-136-497-81 | s CAP, METALIZED FILM 0.1MF         |
| C309                | 1-136-497-81 | s CAP, METALIZED FILM 0.1MF         |
| C310                | 1-107-882-91 | s CAP, ELECT 100MF                  |
| C311                | 1-107-882-91 | s CAP, ELECT 100MF                  |
| C400                | 1-128-525-91 | s CAP, ELECT 470MF                  |
| C401                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C402                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C403                | 1-128-525-91 | s CAP, ELECT 470MF                  |
| C404                | 1-164-315-91 | s CAP, CERAMIC 470PF CH 1608        |
| C405                | 1-115-416-91 | s CAP, CHIP CERAMIC 10000PF CH 1608 |
| C407                | 1-111-242-91 | s CAP, ELECT 22MF                   |
| C408                | 1-162-927-91 | s CAP, CERAMIC 100PF CH 1608        |
| C409                | 1-164-227-91 | s CAP, CERAMIC 22000PF B 1608       |
| C410                | 1-162-969-91 | s CAP, CERAMIC 6800PF B 1608        |
| C412                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608    |
| C413                | 1-162-969-91 | s CAP, CERAMIC 6800PF B 1608        |
| C414                | 1-162-966-91 | s CAP, CERAMIC 2200PF B 1608        |
| C415                | 1-162-964-91 | s CAP, CHIP CERAMIC 1000PF B 1608   |
| C416                | 1-107-882-91 | s CAP, ELECT 100MF                  |
| C417                | 1-108-421-91 | s CAP, PE TEREPHTHALATE 0.01MF      |
| C418                | 1-110-641-11 | s CAP, ELECT 33MF                   |
| C419                | 1-164-390-91 | s CAP, CERAMIC 330PF CH 1608        |
| C421                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608       |
| C422                | 1-162-915-91 | s CAP, CERAMIC 10PF CH 1608         |

## E BOARD (BVM-A24))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| C500                | 1-128-525-91 | s CAP, ELECT 470MF                 |
| C501                | 1-107-882-91 | s CAP, ELECT 100MF                 |
| C502                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C503                | 1-128-525-91 | s CAP, ELECT 470MF                 |
| C504                | 1-162-965-91 | s CAP, CERAMIC 1500PF B 1608       |
| C505                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608   |
| C506                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C507                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C508                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C509                | 1-107-888-91 | s CAP, ELECT 47MF                  |
| C600                | 1-131-608-91 | s CAP, CHIP CERAMIC 2.2MF B 3216   |
| C601                | 1-107-906-91 | s CAP, ELECT 10MF                  |
| C602                | 1-107-906-91 | s CAP, ELECT 10MF                  |
| C603                | 1-107-906-91 | s CAP, ELECT 10MF                  |
| C604                | 1-111-245-91 | s CAP, ELECT 22MF                  |
| C605                | 1-111-242-91 | s CAP, ELECT 22MF                  |
| C606                | 1-111-244-91 | s CAP, ELECT 47MF                  |
| C607                | 1-107-906-91 | s CAP, ELECT 10MF                  |
| C608                | 1-111-242-91 | s CAP, ELECT 22MF                  |
| C609                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C610                | 1-107-906-91 | s CAP, ELECT 10MF                  |
| C611                | 1-107-888-91 | s CAP, ELECT 47MF                  |
| C612                | 1-111-239-91 | s CAP, ELECT 47MF                  |
| C613                | 1-107-906-91 | s CAP, ELECT 10MF                  |
| C614                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C615                | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B          |
| C616                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C617                | 1-125-827-91 | s CAP, CHIP CERAMIC 1MF B          |
| C618                | 1-115-340-91 | s CAP, CERAMIC 0.22MF B (2012)     |
| C619                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C620                | 1-115-340-91 | s CAP, CERAMIC 0.22MF B (2012)     |
| C621                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C622                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C700                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C701                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C702                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608   |
| C703                | 1-115-416-91 | s CAP, CHIP CERAMIC 1000PF CH 1608 |
| C704                | 1-137-370-91 | s CAP, PETP FILM 0.01MF            |
| C804                | 1-107-491-91 | s CAP, ELECT 1000MF                |
| C806                | 1-107-491-91 | s CAP, ELECT 1000MF                |
| C807                | 1-162-969-91 | s CAP, CERAMIC 6800PF B 1608       |
| C809                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C811                | 1-162-968-91 | s CAP, CHIP CERAMIC 4700PF B 1608  |
| C812                | 1-137-401-51 | s CAP, PETP FILM 0.22MF            |
| C813                | 1-107-911-91 | s CAP, ELECT 220MF                 |
| C814                | 1-136-497-81 | s CAP, METALIZED FILM 0.1MF        |
| C817                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| C818                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608      |
| CN1                 | 1-580-798-11 | o CONNECTOR PIN (DY) 6P            |
| CN2                 | 1-695-915-21 | s TAB (CONTACT)                    |
| CN100               | 1-817-753-11 | o CONNECTOR, BOARD TO BOARD 100P   |
| CN101               | 1-817-753-11 | o CONNECTOR, BOARD TO BOARD 100P   |
| D1                  | 8-719-404-50 | s DIODE MA111-TX                   |
| D2                  | 8-719-404-50 | s DIODE MA111-TX                   |
| D4                  | 8-719-030-44 | s DIODE 1R5GU41-TPA2               |
| D5                  | 8-719-404-50 | s DIODE MA111-TX                   |
| D6                  | 8-719-404-50 | s DIODE MA111-TX                   |
| D7                  | 8-719-052-31 | s DIODE D1NL40-TR2                 |
| D8                  | 8-719-052-31 | s DIODE D1NL40-TR2                 |

## (E BOARD (BVM-A24))

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| D9                  | 8-719-303-21 | s DIODE RH-1AV1         |
| D10                 | 8-719-404-50 | s DIODE MA111-TX        |
| D11                 | 8-719-053-57 | s DIODE 5VUZ52          |
| D12                 | 8-719-936-83 | s DIODE GP08D-5001E3/23 |
| D13                 | 8-719-936-83 | s DIODE GP08D-5001E3 23 |
| D14                 | 8-719-404-50 | s DIODE MA111-TX        |
| D15                 | 8-719-404-50 | s DIODE MA111-TX        |
| D16                 | 8-719-404-50 | s DIODE MA111-TX        |
| D17                 | 8-719-404-50 | s DIODE MA111-TX        |
| D18                 | 8-719-404-50 | s DIODE MA111-TX        |
| D19                 | 8-719-989-09 | s DIODE 1SS83TA         |
| D20                 | 8-719-404-50 | s DIODE MA111-TX        |
| D21                 | 8-719-037-22 | s DIODE RD12SB-T1       |
| D200                | 8-719-404-50 | s DIODE MA111-TX        |
| D201                | 8-719-404-50 | s DIODE MA111-TX        |
| D202                | 8-719-404-50 | s DIODE MA111-TX        |
| D203                | 8-719-404-50 | s DIODE MA111-TX        |
| D204                | 8-719-404-50 | s DIODE MA111-TX        |
| D205                | 8-719-404-50 | s DIODE MA111-TX        |
| D206                | 8-719-404-50 | s DIODE MA111-TX        |
| D207                | 8-719-404-50 | s DIODE MA111-TX        |
| D208                | 8-719-404-50 | s DIODE MA111-TX        |
| D209                | 8-719-404-50 | s DIODE MA111-TX        |
| D210                | 8-719-404-50 | s DIODE MA111-TX        |
| D211                | 8-719-404-50 | s DIODE MA111-TX        |
| D212                | 8-719-404-50 | s DIODE MA111-TX        |
| D213                | 8-719-404-50 | s DIODE MA111-TX        |
| D214                | 8-719-404-50 | s DIODE MA111-TX        |
| D216                | 8-719-404-50 | s DIODE MA111-TX        |
| D217                | 8-719-404-50 | s DIODE MA111-TX        |
| D300                | 8-719-921-20 | s DIODE 1SS119-25TD     |
| D301                | 8-719-921-20 | s DIODE 1SS119-25TD     |
| D401                | 8-719-404-50 | s DIODE MA111-TX        |
| D402                | 8-719-404-50 | s DIODE MA111-TX        |
| D403                | 8-719-404-50 | s DIODE MA111-TX        |
| D404                | 8-719-404-50 | s DIODE MA111-TX        |
| D405                | 8-719-404-50 | s DIODE MA111-TX        |
| D406                | 8-719-404-50 | s DIODE MA111-TX        |
| D407                | 8-719-404-50 | s DIODE MA111-TX        |
| D408                | 8-719-036-94 | s DIODE RD5.6SB-T1      |
| D409                | 8-719-404-50 | s DIODE MA111-TX        |
| D410                | 6-500-219-01 | s DIODE 1SS404(TPH3     |
| D411                | 8-719-404-50 | s DIODE MA111-TX        |
| D412                | 8-719-404-50 | s DIODE MA111-TX        |
| D413                | 8-719-161-04 | s DIODE RD9.1SB-T1      |
| D414                | 6-500-746-01 | s DIODE D8LC20UR-7015   |
| D500                | 6-501-429-01 | s DIODE SF10NC15M       |
| D501                | 8-719-404-50 | s DIODE MA111-TX        |
| D502                | 8-719-404-50 | s DIODE MA111-TX        |
| D503                | 8-719-036-80 | s DIODE RD3.9SB-T1      |
| D504                | 6-501-429-01 | s DIODE SF10NC15M       |
| D505                | 8-719-036-67 | s DIODE RD2.4SB-T1      |
| D506                | 8-719-404-50 | s DIODE MA111-TX        |
| D507                | 8-719-404-50 | s DIODE MA111-TX        |
| D509                | 8-719-404-50 | s DIODE MA111-TX        |
| D510                | 8-719-404-50 | s DIODE MA111-TX        |
| D600                | 8-719-404-50 | s DIODE MA111-TX        |
| D601                | 8-719-404-50 | s DIODE MA111-TX        |
| D602                | 8-719-404-50 | s DIODE MA111-TX        |
| D603                | 8-719-404-50 | s DIODE MA111-TX        |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| D604                | 8-719-404-50 | DIODE MA111-TX              |
| D605                | 8-719-404-50 | DIODE MA111-TX              |
| D606                | 8-719-404-50 | DIODE MA111-TX              |
| D607                | 8-719-404-50 | DIODE MA111-TX              |
| D608                | 8-719-404-50 | DIODE MA111-TX              |
| D609                | 8-719-404-50 | DIODE MA111-TX              |
| D610                | 8-719-404-50 | DIODE MA111-TX              |
| D611                | 8-719-404-50 | DIODE MA111-TX              |
| D612                | 8-719-404-50 | DIODE MA111-TX              |
| D613                | 8-719-404-50 | DIODE MA111-TX              |
| D614                | 8-719-404-50 | DIODE MA111-TX              |
| D615                | 8-719-404-50 | DIODE MA111-TX              |
| D700                | 8-719-974-84 | DIODE ERA91-02TP1           |
| D800                | 8-719-936-83 | DIODE GP08D-5001E3,23       |
| D801                | 8-719-036-91 | DIODE RD5.1SB-T1            |
| FB400               | 1-543-963-22 | BEAD, FERRITE CHIP 2012     |
| FB401               | 1-410-397-31 | FERRITE BEAD INDUCTOR 1.1UH |
| FB402               | 1-410-397-31 | FERRITE BEAD INDUCTOR 1.1UH |
| FB700               | 1-412-911-21 | INDUCTOR, FERRITE BEAD      |
| FB701               | 1-412-911-21 | INDUCTOR, FERRITE BEAD      |
| FL100               | 1-236-164-41 | ENCAPSULATED COMPONENT      |
| FL101               | 1-236-164-41 | ENCAPSULATED COMPONENT      |
| IC1                 | 6-706-488-01 | IC TC7SH14FU T5RSOYJF       |
| IC2                 | 8-759-276-28 | IC LM393PS-E20              |
| IC100               | 8-759-925-54 | IC LM2940CT-5.0 NOPB        |
| IC101               | 8-759-701-79 | IC NJM7812FA                |
| IC102               | 8-759-929-65 | IC LM7912CT                 |
| IC103               | 8-759-539-89 | IC LM2990SX-5.0             |
| IC104               | 8-759-656-54 | IC TC7WH14FK TE85R          |
| IC105               | 8-752-072-94 | IC CXA1875AM-T4             |
| IC106               | 8-759-157-42 | IC TL082CPS-E20             |
| IC300               | 8-759-822-38 | IC LA6510                   |
| IC301               | 8-759-803-42 | IC LA6500-FA                |
| IC400               | 8-759-585-82 | IC BA9759F-E2               |
| IC500               | 8-759-803-42 | IC LA6500-FA                |
| IC501               | 8-759-249-16 | IC NJM4558M-TE2             |
| IC502               | 8-759-276-28 | IC LM393PS-E20              |
| IC600               | 8-759-329-01 | IC LM339NSR                 |
| IC601               | 8-759-329-01 | IC LM339NSR                 |
| IC602               | 8-759-249-16 | IC NJM4558M-TE2             |
| IC700               | 8-759-157-42 | IC TL082CPS-E20             |
| IC801               | 8-759-157-42 | IC TL082CPS-E20             |
| IC802               | 8-759-696-71 | IC STV9379A                 |
| L1                  | 1-457-128-11 | COIL, HORIZONTAL LINEARITY  |
| L2                  | 1-457-129-11 | COIL, HORIZONTAL LINEARITY  |
| L3                  | 1-457-126-11 | COIL, HORIZONTAL LINEARITY  |
| L4                  | 1-406-670-21 | COIL, CHOKE 680UH           |
| L5                  | 1-406-989-21 | COIL, CHOKE 10MMH           |
| L6                  | 1-406-673-21 | COIL, CHOKE 2.2MMH          |
| L7                  | 1-406-673-21 | COIL, CHOKE 2.2MMH          |
| L400                | 1-406-661-21 | COIL, CHOKE 22UH            |
| L500                | 1-406-892-11 | COIL, CHOKE 4MMH            |
| L700                | 1-419-884-11 | COIL, HORIZONATAL LINEARITY |
| PS500               | 1-576-124-21 | LINK, IC 1A 72V             |
| PS501               | 1-576-124-21 | LINK, IC 1A 72V             |
| Q1                  | 8-729-905-38 | TRANSISTOR 2SC4081T106R     |
| Q2                  | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR |
| Q3                  | 8-729-208-55 | TRANSISTOR 2SC2878A-TPE2    |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q4                  | 8-729-208-55 | TRANSISTOR 2SC2878A-TPE2    |
| Q5                  | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q6                  | 8-729-048-47 | TRANSISTOR 2SC2688 5 -LK    |
| Q7                  | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q8                  | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q9                  | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR |
| Q10                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q11                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q12                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q13                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q14                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q15                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q16                 | 6-550-880-01 | TRANSISTOR 2SC5716 LBSOY.F  |
| Q17                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q18                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q19                 | 8-729-140-10 | TRANSISTOR 2SA1221-T-KLM    |
| Q20                 | 8-729-044-21 | TRANSISTOR 2SK2655-01R-F165 |
| Q21                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q22                 | 8-729-034-60 | TRANSISTOR 2SK2350          |
| Q23                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q24                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q25                 | 8-729-140-10 | TRANSISTOR 2SA1221-T-KLM    |
| Q26                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q27                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q28                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q29                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q30                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q31                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q32                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q33                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q34                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q35                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q36                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q37                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q38                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q39                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q40                 | 8-729-053-24 | TRANSISTOR 2SK3262-01MR     |
| Q41                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q42                 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q200                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106   |
| Q201                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q202                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106   |
| Q203                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106   |
| Q204                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106   |
| Q205                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q206                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q207                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q400                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q401                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q402                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q403                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q404                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106   |
| Q405                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q406                | 8-729-231-96 | TRANSISTOR 2SK880GR-TE85L   |
| Q407                | 8-729-028-91 | TRANSISTOR DTA144EUA-T106   |
| Q408                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106   |
| Q410                | 8-729-803-76 | TRANSISTOR 2SA1371-E        |
| Q411                | 8-729-019-85 | TRANSISTOR 2SC3392-5-TB-E   |
| Q412                | 8-729-824-24 | TRANSISTOR 2SA1338-5-TB-E   |
| Q413                | 8-729-050-13 | TRANSISTOR 2SJ585LS-CC11    |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                 |
|---------------------|--------------|----|-----------------------------|
| Q415                | 8-729-905-38 | §  | TRANSISTOR 2SC4081T106R     |
| Q500                | 8-729-140-51 | §  | TRANSISTOR 2SC3209LK-TP     |
| Q501                | 8-729-112-85 | §  | TRANSISTOR 2SA1330-T106     |
| Q502                | 8-729-112-85 | §  | TRANSISTOR 2SA1330-T106     |
| Q503                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q504                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q505                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q506                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q507                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q508                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q509                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q510                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q511                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| Q600                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106   |
| Q601                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q602                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q603                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106   |
| Q604                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q605                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106   |
| Q606                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q607                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106   |
| Q608                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106   |
| Q609                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q610                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106   |
| Q611                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106   |
| Q612                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106   |
| Q613                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106   |
| Q614                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106   |
| Q615                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q616                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q617                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106   |
| Q618                | 8-729-028-91 | §  | TRANSISTOR DTA144EUA-T106   |
| Q619                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q620                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q621                | 8-729-028-81 | §  | TRANSISTOR DTA123JUA-T106   |
| Q622                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q623                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q624                | 8-729-029-04 | §  | TRANSISTOR DTC123JUA-T106   |
| Q625                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q626                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q627                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q628                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q629                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q630                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q631                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q632                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q633                | 8-729-029-14 | §  | TRANSISTOR DTC144EUA-T106   |
| Q700                | 8-729-209-15 | §  | TRANSISTOR 2SD2012          |
| Q701                | 8-729-209-60 | §  | TRANSISTOR 2SB1375          |
| Q900                | 8-729-026-53 | §  | TRANSISTOR 2SA1576A-T106-QR |
| R1                  | 1-216-809-91 | §  | RES, CHIP 100 1608          |
| R2                  | 1-216-809-91 | §  | RES, CHIP 100 1608          |
| R3                  | 1-216-822-91 | §  | RES, CHIP 1.2K 1608         |
| R4                  | 1-216-829-91 | §  | RES, CHIP 4.7K 1608         |
| R5                  | 1-216-825-91 | §  | RES, CHIP 2.2K 1608         |
| R6                  | 1-216-833-91 | §  | RES, CHIP 10K 1608          |
| R7                  | 1-216-809-91 | §  | RES, CHIP 100 1608          |
| R8                  | 1-216-845-91 | §  | RES, CHIP 100K 1608         |
| R9                  | 1-215-916-71 | §  | RES, METAL OXIDE FILM 680   |
| R10                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608         |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                |
|---------------------|--------------|----|----------------------------|
| R11                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R12                 | 1-215-916-71 | §  | RES, METAL OXIDE FILM 680  |
| R13                 | 1-216-809-91 | §  | RES, CHIP 100 1608         |
| R14                 | 1-216-831-91 | §  | RES, CHIP 6.8K 1608        |
| R15                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608        |
| R16                 | 1-215-916-71 | §  | RES, METAL OXIDE FILM 680  |
| R17                 | 1-247-775-91 | §  | RES, CARBON SMALL 4.7      |
| R18                 | 1-216-829-91 | §  | RES, CHIP 4.7K 1608        |
| R19                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R20                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R21                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R22                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R23                 | 1-216-462-71 | §  | RES, METAL OXIDE FILM 8.2K |
| R24                 | 1-216-829-91 | §  | RES, CHIP 4.7K 1608        |
| R25                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R26                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R27                 | 1-214-840-81 | §  | RES, METAL FILM 100        |
| R28                 | 1-215-879-51 | §  | RES, METAL OXIDE FILM 47K  |
| R29                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608        |
| R30                 | 1-211-824-71 | §  | RES, FUSE 220              |
| R31                 | 1-216-829-91 | §  | RES, CHIP 4.7K 1608        |
| R32                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R33                 | 1-211-824-71 | §  | RES, FUSE 220              |
| R34                 | 1-216-383-71 | §  | RES, METAL OXIDE FILM 0.33 |
| R35                 | 1-216-383-71 | §  | RES, METAL OXIDE FILM 0.33 |
| R36                 | 1-216-829-91 | §  | RES, CHIP 4.7K 1608        |
| R37                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R38                 | 1-216-380-71 | §  | RES, METAL OXIDE FILM 8.2  |
| R39                 | 1-215-879-51 | §  | RES, METAL OXIDE FILM 47K  |
| R40                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608        |
| R41                 | 1-216-829-91 | §  | RES, CHIP 4.7K 1608        |
| R42                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R43                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R44                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R45                 | 1-216-829-91 | §  | RES, CHIP 4.7K 1608        |
| R46                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R47                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R48                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R49                 | 1-215-879-51 | §  | RES, METAL OXIDE FILM 47K  |
| R50                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608        |
| R51                 | 1-216-825-91 | §  | RES, CHIP 2.2K 1608        |
| R52                 | 1-216-841-91 | §  | RES, CHIP 47K 1608         |
| R53                 | 1-216-841-91 | §  | RES, CHIP 47K 1608         |
| R54                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R55                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R56                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R57                 | 1-245-949-11 | §  | RES, METAL FILM 22         |
| R58                 | 1-245-949-11 | §  | RES, METAL FILM 22         |
| R60                 | 1-215-912-71 | §  | RES, METAL OXIDE FILM 150  |
| R61                 | 1-215-912-71 | §  | RES, METAL OXIDE FILM 150  |
| R62                 | 1-215-912-71 | §  | RES, METAL OXIDE FILM 150  |
| R63                 | 1-216-825-91 | §  | RES, CHIP 2.2K 1608        |
| R64                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |
| R65                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R66                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R67                 | 1-215-879-51 | §  | RES, METAL OXIDE FILM 47K  |
| R68                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608        |
| R69                 | 1-216-821-91 | §  | RES, CHIP 1.0K 1608        |
| R70                 | 1-216-833-91 | §  | RES, CHIP 10K 1608         |
| R71                 | 1-216-845-91 | §  | RES, CHIP 100K 1608        |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R72                 | 1-260-130-81 | RES, CARBON SMALL TYPE 390K |
| R73                 | 1-216-833-91 | RES, CHIP 10K 1608          |
| R74                 | 1-216-833-91 | RES, CHIP 10K 1608          |
| R75                 | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R76                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R77                 | 1-218-873-91 | RES, CHIP 12K 1608          |
| R78                 | 1-216-833-91 | RES, CHIP 10K 1608          |
| R79                 | 1-218-883-91 | RES, CHIP 33K 1608          |
| R80                 | 1-218-873-91 | RES, CHIP 12K 1608          |
| R81                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R82                 | 1-216-829-91 | RES, CHIP 4.7K 1608         |
| R83                 | 1-216-809-91 | RES, CHIP 100 1608          |
| R84                 | 1-218-879-91 | RES, CHIP 22K 1608          |
| R85                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R86                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R87                 | 1-216-829-91 | RES, CHIP 4.7K 1608         |
| R88                 | 1-216-809-91 | RES, CHIP 100 1608          |
| R89                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R90                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R91                 | 1-216-829-91 | RES, CHIP 4.7K 1608         |
| R92                 | 1-216-809-91 | RES, CHIP 100 1608          |
| R93                 | 1-216-857-91 | RES, CHIP 1.0M 1608         |
| R94                 | 1-216-845-91 | RES, CHIP 100K 1608         |
| R95                 | 1-216-838-91 | RES, CHIP 27K 1608          |
| R96                 | 1-215-879-51 | RES, METAL OXIDE FILM 47K   |
| R97                 | 1-214-913-81 | RES, METAL FILM 100K        |
| R98                 | 1-218-867-91 | RES, CHIP 6.8K 1608         |
| R99                 | 1-218-858-91 | RES, CHIP 3.0K 1608         |
| R100                | 1-216-809-91 | RES, CHIP 100 1608          |
| R101                | 1-216-805-91 | RES, CHIP 47 1608           |
| R102                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R103                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R104                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R105                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R106                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R107                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R108                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R109                | 1-216-813-91 | RES, CHIP 220 1608          |
| R110                | 1-216-813-91 | RES, CHIP 220 1608          |
| R111                | 1-216-809-91 | RES, CHIP 100 1608          |
| R112                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R114                | 1-216-809-91 | RES, CHIP 100 1608          |
| R115                | 1-216-809-91 | RES, CHIP 100 1608          |
| R116                | 1-216-809-91 | RES, CHIP 100 1608          |
| R117                | 1-216-809-91 | RES, CHIP 100 1608          |
| R118                | 1-216-809-91 | RES, CHIP 100 1608          |
| R119                | 1-216-295-91 | CONDUCTOR, CHIP 2012        |
| R122                | 1-216-295-91 | CONDUCTOR, CHIP 2012        |
| R123                | 1-216-809-91 | RES, CHIP 100 1608          |
| R124                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R125                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R128                | 1-216-864-91 | CONDUCTOR, CHIP 1608        |
| R200                | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R201                | 1-216-857-91 | RES, CHIP 1.0M 1608         |
| R202                | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R203                | 1-216-821-91 | RES, CHIP 1.0K 1608         |
| R205                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R206                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R207                | 1-216-833-91 | RES, CHIP 10K 1608          |
| R208                | 1-216-833-91 | RES, CHIP 10K 1608          |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| R209                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R210                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R211                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R212                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R300                | 1-249-425-91 | RES, CARBON SMALL 4.7K |
| R301                | 1-249-392-91 | RES, CARBON SMALL 8.2  |
| R302                | 1-249-377-91 | RES, CARBON SMALL 0.47 |
| R303                | 1-247-767-91 | RES, CARBON SMALL 2.2  |
| R304                | 1-247-783-91 | RES, CARBON SMALL 10   |
| R305                | 1-216-826-91 | RES, CHIP 2.7K 1608    |
| R306                | 1-216-841-91 | RES, CHIP 47K 1608     |
| R307                | 1-216-821-91 | RES, CHIP 1.0K 1608    |
| R308                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R309                | 1-216-821-91 | RES, CHIP 1.0K 1608    |
| R310                | 1-216-824-91 | RES, CHIP 1.8K 1608    |
| R311                | 1-216-839-91 | RES, CHIP 33K 1608     |
| R312                | 1-218-871-91 | RES, CHIP 10K 1608     |
| R313                | 1-218-871-91 | RES, CHIP 10K 1608     |
| R314                | 1-218-883-91 | RES, CHIP 33K 1608     |
| R315                | 1-216-847-91 | RES, CHIP 150K 1608    |
| R316                | 1-216-837-91 | RES, CHIP 22K 1608     |
| R317                | 1-218-883-91 | RES, CHIP 33K 1608     |
| R318                | 1-218-871-91 | RES, CHIP 10K 1608     |
| R319                | 1-247-767-91 | RES, CARBON SMALL 2.2  |
| R320                | 1-247-783-91 | RES, CARBON SMALL 10   |
| R321                | 1-249-377-91 | RES, CARBON SMALL 0.47 |
| R322                | 1-247-783-91 | RES, CARBON SMALL 10   |
| R323                | 1-249-433-91 | RES, CARBON SMALL 22K  |
| R324                | 1-249-397-91 | RES, CARBON SMALL 22   |
| R325                | 1-249-377-91 | RES, CARBON SMALL 0.47 |
| R326                | 1-249-414-91 | RES, CARBON SMALL 560  |
| R327                | 1-249-393-91 | RES, CARBON SMALL 10   |
| R400                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R401                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R402                | 1-216-825-91 | RES, CHIP 2.2K 1608    |
| R403                | 1-218-868-91 | RES, CHIP 7.5K 1608    |
| R404                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R406                | 1-218-866-91 | RES, CHIP 6.2K 1608    |
| R408                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R410                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R411                | 1-218-855-91 | RES, CHIP 2.2K 1608    |
| R412                | 1-218-881-91 | RES, CHIP 27K 1608     |
| R413                | 1-218-863-91 | RES, CHIP 4.7K 1608    |
| R415                | 1-218-865-91 | RES, CHIP 5.6K 1608    |
| R416                | 1-218-858-91 | RES, CHIP 3.0K 1608    |
| R417                | 1-218-895-91 | RES, CHIP 100K 1608    |
| R418                | 1-216-845-91 | RES, CHIP 100K 1608    |
| R419                | 1-218-886-91 | RES, CHIP 43K 1608     |
| R420                | 1-216-809-91 | RES, CHIP 100 1608     |
| R421                | 1-218-889-91 | RES, CHIP 56K 1608     |
| R422                | 1-218-857-91 | RES, CHIP 2.7K 1608    |
| R423                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R424                | 1-218-859-91 | RES, CHIP 3.3K 1608    |
| R425                | 1-218-859-91 | RES, CHIP 3.3K 1608    |
| R426                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R427                | 1-218-879-91 | RES, CHIP 22K 1608     |
| R428                | 1-218-878-91 | RES, CHIP 20K 1608     |
| R429                | 1-218-875-91 | RES, CHIP 15K 1608     |
| R430                | 1-216-833-91 | RES, CHIP 10K 1608     |
| R431                | 1-216-821-91 | RES, CHIP 1.0K 1608    |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R432                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R433                | 1-216-809-91 | RES, CHIP 100 1608              |
| R434                | 1-218-886-91 | RES, CHIP 43K 1608              |
| R435                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R436                | 1-215-479-91 | RES, METAL FILM SMALL TYPE 270K |
| R437                | 1-216-829-91 | RES, CHIP 4.7K 1608             |
| R438                | 1-216-369-71 | RES, METAL OXIDE FILM 1.0       |
| R439                | 1-215-473-91 | RES, METAL FILM SMALL TYPE 150K |
| R440                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R441                | 1-215-479-91 | RES, METAL FILM SMALL TYPE 270K |
| R442                | 1-216-837-91 | RES, CHIP 22K 1608              |
| R443                | 1-249-397-91 | RES, CARBON SMALL 22            |
| R453                | 1-216-864-91 | CONDUCTOR, CHIP 1608            |
| R454                | 1-216-864-91 | CONDUCTOR, CHIP 1608            |
| R455                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R456                | 1-216-825-91 | RES, CHIP 2.2K 1608             |
| R500                | 1-249-381-91 | RES, CARBON SMALL 1             |
| R501                | 1-216-809-91 | RES, CHIP 100 1608              |
| R502                | 1-216-809-91 | RES, CHIP 100 1608              |
| R503                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R504                | 1-249-381-91 | RES, CARBON SMALL 1             |
| R505                | 1-216-369-71 | RES, METAL OXIDE FILM 1.0       |
| R506                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R507                | 1-218-855-91 | RES, CHIP 2.2K 1608             |
| R508                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R509                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R510                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R511                | 1-216-853-91 | RES, CHIP 470K 1608             |
| R512                | 1-218-885-91 | RES, CHIP 39K 1608              |
| R513                | 1-218-878-91 | RES, CHIP 20K 1608              |
| R514                | 1-218-865-91 | RES, CHIP 5.6K 1608             |
| R515                | 1-218-873-91 | RES, CHIP 12K 1608              |
| R516                | 1-218-856-91 | RES, CHIP 2.4K 1608             |
| R517                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R518                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R519                | 1-218-891-91 | RES, CHIP 68K 1608              |
| R520                | 1-218-889-91 | RES, CHIP 56K 1608              |
| R521                | 1-218-889-91 | RES, CHIP 56K 1608              |
| R522                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R523                | 1-216-845-91 | RES, CHIP 100K 1608             |
| R524                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R525                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R526                | 1-218-871-91 | RES, CHIP 10K 1608              |
| R527                | 1-218-863-91 | RES, CHIP 4.7K 1608             |
| R528                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R529                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R530                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R531                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R600                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R601                | 1-216-847-91 | RES, CHIP 150K 1608             |
| R602                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R603                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R604                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R605                | 1-216-823-91 | RES, CHIP 1.5K 1608             |
| R606                | 1-216-827-91 | RES, CHIP 3.3K 1608             |
| R608                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R610                | 1-216-822-91 | RES, CHIP 1.2K 1608             |
| R611                | 1-216-827-91 | RES, CHIP 3.3K 1608             |
| R612                | 1-216-822-91 | RES, CHIP 1.2K 1608             |
| R613                | 1-216-827-91 | RES, CHIP 3.3K 1608             |

## E BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R614                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R616                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R617                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R618                | 1-216-822-91 | RES, CHIP 1.2K 1608            |
| R619                | 1-216-827-91 | RES, CHIP 3.3K 1608            |
| R620                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R621                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R622                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R623                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R624                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R625                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R626                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R627                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R628                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R629                | 1-216-857-91 | RES, CHIP 1.0M 1608            |
| R630                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R631                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R632                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R633                | 1-216-857-91 | RES, CHIP 1.0M 1608            |
| R634                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R635                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R636                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R638                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R639                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R640                | 1-216-849-91 | RES, CHIP 220K 1608            |
| R641                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R642                | 1-216-849-91 | RES, CHIP 220K 1608            |
| R643                | 1-218-863-91 | RES, CHIP 4.7K 1608            |
| R644                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R645                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R646                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R647                | 1-216-857-91 | RES, CHIP 1.0M 1608            |
| R648                | 1-216-841-91 | RES, CHIP 47K 1608             |
| R649                | 1-216-841-91 | RES, CHIP 47K 1608             |
| R650                | 1-218-875-91 | RES, CHIP 15K 1608             |
| R651                | 1-218-857-91 | RES, CHIP 2.7K 1608            |
| R652                | 1-216-850-91 | RES, CHIP 270K 1608            |
| R653                | 1-216-821-91 | RES, CHIP 1.0K 1608            |
| R654                | 1-216-821-91 | RES, CHIP 1.0K 1608            |
| R655                | 1-216-850-91 | RES, CHIP 270K 1608            |
| R656                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R657                | 1-218-865-91 | RES, CHIP 5.6K 1608            |
| R658                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R659                | 1-218-895-91 | RES, CHIP 100K 1608            |
| R660                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R661                | 1-218-895-91 | RES, CHIP 100K 1608            |
| R662                | 1-218-869-91 | RES, CHIP 8.2K 1608            |
| R663                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R700                | 1-218-855-91 | RES, CHIP 2.2K 1608            |
| R701                | 1-218-871-91 | RES, CHIP 10K 1608             |
| R702                | 1-218-848-91 | RES, CHIP 1.1K 1608            |
| R703                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R704                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R705                | 1-215-453-91 | RES, METAL FILM SMALL TYPE 22K |
| R706                | 1-216-821-91 | RES, CHIP 1.0K 1608            |
| R707                | 1-215-884-71 | RES, METAL OXIDE FILM 47       |
| R708                | 1-215-913-71 | RES, METAL OXIDE FILM 220      |
| R709                | 1-215-913-71 | RES, METAL OXIDE FILM 220      |
| R803                | 1-218-871-91 | RES, CHIP 10K 1608             |

## E BOARD BVM-A24 )

| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| R808                | 1-218-871-91   | s RES, CHIP 10K (1608)          |
| R810                | 1-218-871-91   | s RES, CHIP 10K (1608)          |
| R814                | 1-260-292-71   | s RES, CARBON 1.0               |
| R815                | 1-216-864-91   | s CONDUCTOR, CHIP (1608)        |
| R816                | 1-218-855-91   | s RES, CHIP 2.2K (1608)         |
| R817                | 1-260-292-71   | s RES, CARBON 1.0               |
| R818                | 1-216-864-91   | s CONDUCTOR, CHIP (1608)        |
| R819                | 1-218-856-91   | s RES, CHIP 2.4K (1608)         |
| R820                | 1-218-855-91   | s RES, CHIP 2.2K (1608)         |
| R823                | 1-216-864-91   | s CONDUCTOR, CHIP (1608)        |
| R824                | 1-218-856-91   | s RES, CHIP 2.4K (1608)         |
| R825                | 1-249-381-91   | s RES, CARBON (SMALL) 1         |
| R826                | 1-216-833-91   | s RES, CHIP 10K (1608)          |
| R827                | 1-216-833-91   | s RES, CHIP 10K (1608)          |
| R828                | 1-214-798-81   | s RES, METAL FILM 1.8           |
| R829                | 1-215-865-71   | s RES, METAL OXIDE FILM 220     |
| R830                | 1-214-798-81   | s RES, METAL FILM 1.8           |
| R900                | 1-216-805-91   | s RES, CHIP 47 (1608)           |
| R901                | 1-216-821-91   | s RES, CHIP 1.0K (1608)         |
| R902                | 1-216-827-91   | s RES, CHIP 3.3K (1608)         |
| R903                | 1-216-827-91   | s RES, CHIP 3.3K (1608)         |
| R904                | 1-216-827-91   | s RES, CHIP 3.3K (1608)         |
| RY1                 | 1-755-129-11   | s RELAY                         |
| RY2                 | 1-755-129-11   | s RELAY                         |
| T1                  | △ 1-431-443-11 | s TRANSFORMER, FERRITE (HST)    |
| T2                  | △ 1-427-762-11 | s TRANSFORMER, FERRITE (HDT)    |
| T3                  | 1-435-183-11   | s TRANSFORMER, FERRITE (HOT)    |
| TH801               | 1-807-925-21   | s THERMISTOR                    |
| TP1                 | 1-535-877-22   | s CHIP, CHECKER                 |
| TP2                 | 1-535-877-22   | s CHIP, CHECKER                 |
| TP3                 | 1-508-784-14   | o PIN, CONNECTOR (5MM PITCH) 1P |
| TP101               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP105               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP106               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP107               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP108               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP300               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP700               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP800               | 1-535-877-22   | s CHIP, CHECKER                 |
| TP801               | 1-535-877-22   | s CHIP, CHECKER                 |

## G BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description  |
|---------------------|----------------|---|
| 1pc                 | A-1091-093-A   | s MOUNTED CIRCUIT BOARD, G  |
| 3pcs                | 4-382-854-51   | s SCREW(M3X6), P, SW (+)  |
| 1pc                 | 4-030-359-01   | o HEAT SINK, H. PIN (A001)  |
| 11pcs               | 4-382-854-01   | s SCREW(M3X8), P, SW (+)<br>(IC2(1),Q601(1),D601(1),Q603 1),<br>Q604(1),Q602(1),IC102(1),<br>D204(1),D206(1),FLOATING 2 ) |
| 3pcs                | 4-382-854-11   | s SCREW(M3X10), P, SW (+)<br>(D106(1),D1(1),D205(1))  |
| 1pc                 | 7-322-065-48   | o RUBBER, SILICONE RTV (KE-3490<br>(R624(1))  |
| C1                  | △ 1-165-540-11 | s CAP, FILM 0.47MF  |
| C2                  | △ 1-113-907-51 | s CAP, CERAMIC 2200PF E   |
| C3                  | △ 1-113-907-51 | s CAP, CERAMIC 2200PF E   |
| C4                  | △ 1-165-540-11 | s CAP, FILM 0.47MF  |
| C5                  | 1-113-924-91   | s CAP, CERAMIC 4700PF E   |
| C6                  | 1-113-924-91   | s CAP, CERAMIC 4700PF E   |
| C7                  | 1-117-228-11   | s CAP, METALIZED PE FILM 2.2MF  |
| C8                  | 1-107-910-91   | s CAP, ELECT 100MF  |
| C9                  | 1-111-240-91   | s CAP, ELECT 100MF  |
| C10                 | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C11                 | 1-107-906-91   | s CAP, ELECT 10MF   |
| C12                 | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C13                 | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C14                 | 1-107-909-91   | s CAP, ELECT 47MF   |
| C15                 | 1-107-909-91   | s CAP, ELECT 47MF   |
| C18                 | 1-107-909-91   | s CAP, ELECT 47MF   |
| C104                | 1-104-653-91   | s CAP, ELECT 220MF  |
| C105                | 1-115-785-91   | s CAP, ELECT 470MF  |
| C106                | 1-100-566-91   | s CAP, CHIP CERAMIC 0.1MF B 1608  |
| C107                | 1-107-909-91   | s CAP, ELECT 47MF   |
| C108                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C109                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C110                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C111                | 1-115-785-91   | s CAP, ELECT 470MF  |
| C112                | 1-107-909-91   | s CAP, ELECT 47MF   |
| C115                | 1-115-340-91   | s CAP, CERAMIC 0.22MF B (2012   |
| C117                | 1-107-877-91   | s CAP, ELECT 1000MF   |
| C212                | 1-107-909-91   | s CAP, ELECT 47MF   |
| C213                | 1-115-789-91   | s CAP, ELECT 1000MF   |
| C214                | 1-115-789-91   | s CAP, ELECT 1000MF   |
| C215                | 1-115-789-91   | s CAP, ELECT 1000MF   |
| C216                | 1-115-789-91   | s CAP, ELECT 1000MF   |
| C217                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C218                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C219                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C220                | 1-115-741-91   | s CAP, ELECT 2200MF   |
| C221                | 1-110-641-51   | s CAP, ELECT 33MF   |
| C222                | 1-110-641-51   | s CAP, ELECT 33MF   |
| C223                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C224                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C225                | 1-100-566-91   | s CAP, CHIP CERAMIC 0.1MF B 1608  |
| C226                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C227                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C228                | 1-100-566-91   | s CAP, CHIP CERAMIC 0.1MF B 1608  |
| C229                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C230                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C231                | 1-100-566-91   | s CAP, CHIP CERAMIC 0.1MF B 1608  |
| C232                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C233                | 1-162-970-91   | s CAP, CERAMIC 10000PF B 1608   |
| C234                | 1-100-566-91   | s CAP, CHIP CERAMIC 0.1MF B 1608  |



## G BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description                   |
|---------------------|----------------|----------------------------------|
| C235                | 1-128-528-91   | CAP, ELECT 470MF                 |
| C236                | 1-128-528-91   | CAP, ELECT 470MF                 |
| C237                | 1-107-877-91   | CAP, ELECT 1000MF                |
| C238                | 1-107-877-91   | CAP, ELECT 1000MF                |
| C239                | 1-107-952-91   | CAP, ELECT 22MF                  |
| C601                | 1-115-416-91   | CAP,CHIP CERAMIC1000PF CH 1608   |
| C602                | 1-162-927-91   | CAP, CERAMIC 100PF CH 1608       |
| C603                | 1-162-964-91   | CAP,CHIP CERAMIC 1000PF B 1608   |
| C604                | 1-115-467-91   | CAP, CHIP CERAMIC0.22MF B 1608   |
| C605                | 1-162-968-91   | CAP,CHIP CERAMIC 4700PF B 1608   |
| C606                | 1-162-962-91   | CAP, CERAMIC 470PF B 1608        |
| C607                | 1-162-966-91   | CAP, CERAMIC 2200PF B 1608       |
| C608                | 1-100-566-91   | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C609                | 1-107-903-91   | CAP, ELECT 2.2MF                 |
| C610                | 1-107-911-91   | CAP, ELECT 220MF                 |
| C611                | 1-130-018-41   | CAP, PP FILM 1000PF              |
| C612                | 1-136-497-81   | CAP, METALIZED FILM 0.1MF        |
| C613                | 1-107-905-91   | CAP, ELECT 4.7MF                 |
| C614                | 1-107-903-91   | CAP, ELECT 2.2MF                 |
| C615                | 1-162-964-91   | CAP,CHIP CERAMIC 1000PF B 1608   |
| C617                | 1-104-341-21   | CAP, FILM 0.1MF                  |
| C618                | 1-107-906-91   | CAP, ELECT 10MF                  |
| C619                | 1-107-792-81   | CAP, CERAMIC 100PF SL            |
| C620                | 1-137-756-22   | CAP, METALIZED PP FILM 22000PF   |
| C621                | 1-107-792-81   | CAP, CERAMIC 100PF SL            |
| C623                | 1-136-205-61   | CAP, METALIZED FILM 0.022MF      |
| C626                | 1-115-416-91   | CAP,CHIP CERAMIC1000PF CH 1608   |
| C627                | △ 1-117-600-11 | CAP, ALUMINIUM ELECT 330MF       |
| C651                | 1-137-370-91   | CAP, PETP FILM 0.01MF            |
| C801                | 1-115-438-91   | CAP, ELECT 100MF                 |
| C802                | 1-162-970-91   | CAP, CERAMIC 10000PF B 1608      |
| C803                | 1-107-696-91   | CAP, ELECT 47MF                  |
| C804                | 1-107-882-91   | CAP, ELECT 100MF                 |
| C805                | 1-107-882-91   | CAP, ELECT 100MF                 |
| C806                | 1-107-882-91   | CAP, ELECT 100MF                 |
| C807                | 1-107-882-91   | CAP, ELECT 100MF                 |
| C808                | 1-100-566-91   | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C809                | 1-107-909-91   | CAP, ELECT 47MF                  |
| C810                | 1-100-566-91   | CAP, CHIP CERAMIC 0.1MF B 1608   |
| C901                | △ 1-113-907-51 | CAP, CERAMIC 2200PF E            |
| C902                | 1-100-566-91   | CAP, CHIP CERAMIC 0.1MF B 1608   |
| CN1                 | △ 1-691-961-11 | o PIN, CONNECTOR PC BOARD 3P     |
| CN2                 | △ 1-695-561-11 | o PIN, CONNECTOR PC BOARD 7P     |
| CN003               | 1-817-753-11   | o CONNECTOR, BOARD TO BOARD 100P |
| D1                  | △ 8-719-022-99 | DIODE D6SB60L                    |
| D2                  | 8-719-037-54   | DIODE RD30SB-T1                  |
| D3                  | 8-719-404-50   | DIODE MA111-TX                   |
| D4                  | 8-719-979-23   | DIODE RGP02-17PKG23              |
| D6                  | 8-719-037-53   | DIODE RD27SB-T1                  |
| D8                  | 8-719-404-50   | DIODE MA111-TX                   |
| D9                  | 8-719-404-50   | DIODE MA111-TX                   |
| D10                 | 8-719-404-50   | DIODE MA111-TX                   |
| D12                 | 8-719-404-50   | DIODE MA111-TX                   |
| D16                 | 8-719-404-50   | DIODE MA111-TX                   |
| D105                | 8-719-027-43   | DIODE S2L20UF                    |
| D106                | 8-719-510-41   | DIODE D10SC9M                    |
| D107                | 8-719-063-74   | DIODE D1NL20U-TR2                |
| D108                | 8-719-060-27   | DIODE SLR-325MCT31               |
| D204                | 8-719-060-88   | DIODE D4SBS6                     |

## G BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description                     |
|---------------------|----------------|------------------------------------|
| D205                | 8-719-052-28   | DIODE D10SBS4                      |
| D206                | 8-719-050-18   | DIODE D4SBL20U                     |
| D601                | 6-500-407-01   | DIODE SF20L60U-4015                |
| D602                | 8-719-081-08   | DIODE EP05Q04-TB8L3                |
| D603                | 8-719-113-69   | DIODE RD27ES-T1B                   |
| D604                | 8-719-063-73   | DIODE D1NL20U-TR                   |
| D605                | 8-719-063-73   | DIODE D1NL20U-TR                   |
| D606                | 8-719-069-63   | DIODE ERE38-06V1                   |
| D608                | 8-719-921-20   | DIODE 1SS119-25TD                  |
| D609                | 8-719-073-01   | DIODE MA111- K8 .S0                |
| D611                | 8-719-069-63   | DIODE ERE38-06V1                   |
| D612                | 8-719-083-83   | DIODE UDZS-TE17-15B                |
| D613                | 8-719-082-03   | DIODE MM3Z15VT1                    |
| D614                | 8-719-083-83   | DIODE UDZS-TE17-15B                |
| D615                | 8-719-082-03   | DIODE MM3Z15VT1                    |
| D616                | 8-719-404-50   | DIODE MA111-TX                     |
| D617                | 8-719-404-50   | DIODE MA111-TX                     |
| D621                | 8-719-083-67   | DIODE UDZSTE-1720B                 |
| D622                | 8-719-081-08   | DIODE EP05Q04-TB8L3                |
| D623                | 8-719-083-67   | DIODE UDZSTE-1720B                 |
| D624                | 8-719-083-67   | DIODE UDZSTE-1720B                 |
| D625                | 8-719-083-67   | DIODE UDZSTE-1720B                 |
| D801                | 8-719-404-50   | DIODE MA111-TX                     |
| D802                | 8-719-404-50   | DIODE MA111-TX                     |
| D803                | 8-719-404-50   | DIODE MA111-TX                     |
| D804                | 8-719-404-50   | DIODE MA111-TX                     |
| D805                | 8-719-404-50   | DIODE MA111-TX                     |
| D806                | 8-719-404-50   | DIODE MA111-TX                     |
| D807                | 8-719-404-50   | DIODE MA111-TX                     |
| D808                | 8-719-036-75   | DIODE RD3.3SB1-T1                  |
| D901                | 8-719-404-50   | DIODE MA111-TX                     |
| F1                  | △ 1-576-231-51 | o FUSE H.B.C 4A/250V               |
| FB101               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FB201               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FB202               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FB203               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FB204               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FB205               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FB206               | 1-410-396-51   | DIODE FERRITE BEAD INDUCTOR 0.45UH |
| FH1                 | △ 1-533-701-11 | o HOLDER, FUSE                     |
| IC2                 | 8-759-929-63   | IC LM7815CT                        |
| IC102               | 8-749-011-42   | IC SI-3050F                        |
| IC103               | 8-759-077-78   | IC NJM79L05A-T3                    |
| IC104               | 8-759-189-04   | IC UPC1093J-T                      |
| IC203               | 8-759-329-01   | IC LM339NSR                        |
| IC601               | 6-704-815-01   | IC FA5501N-TE1                     |
| IC602               | 8-759-535-32   | IC FA13842P                        |
| IC603               | 6-705-810-01   | IC MCZ3001DB                       |
| IC604               | 8-759-586-17   | IC TL1431CZ-AP                     |
| IC801               | 8-759-189-04   | IC UPC1093J-T                      |
| IC802               | 8-759-329-01   | IC LM339NSR                        |
| L1                  | 1-419-726-11   | COIL, CHOKE 100UH                  |
| L002                | △ 1-457-061-11 | CHOKE COIL 430UH                   |
| L101                | 1-406-971-21   | COIL, CHOKE 10UH                   |
| L201                | 1-406-659-21   | COIL, CHOKE 10UH                   |
| L202                | 1-406-659-21   | COIL, CHOKE 10UH                   |

## G BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| L203                | 1-406-971-21   | COIL, CHOK 10UH             |
| L204                | 1-406-971-21   | COIL, CHOK 10UH             |
| L205                | 1-406-659-21   | COIL, CHOK 10UH             |
| PH101               | △ 6-600-187-01 | PHOTO COUPLER PC123Y22J00F  |
| PH103               | 6-600-187-01   | PHOTO COUPLER PC123Y22J00F  |
| PH201               | △ 6-600-187-01 | PHOTO COUPLER PC123Y22J00F  |
| PH801               | △ 6-600-187-01 | PHOTO COUPLER PC123Y22J00F  |
| PH901               | △ 6-600-187-01 | PHOTO COUPLER PC123Y22J00F  |
| Q1                  | 8-729-423-33   | TRANSISTOR 2SC3311A-QRSTA   |
| Q2                  | 8-729-033-26   | TRANSISTOR DTA114GKAT146    |
| Q3                  | 8-729-423-33   | TRANSISTOR 2SC3311A-QRSTA   |
| Q4                  | 8-729-028-99   | TRANSISTOR DTC114YUA-T106   |
| Q5                  | 8-729-029-47   | TRANSISTOR DTA143ESA-TP     |
| Q6                  | 8-729-029-47   | TRANSISTOR DTA143ESA-TP     |
| Q7                  | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q8                  | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q9                  | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q10                 | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q101                | 8-729-033-24   | TRANSISTOR DTC114GKAT146    |
| Q102                | 8-729-027-38   | TRANSISTOR DTA144EKA-T146   |
| Q103                | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q601                | 6-550-372-01   | TRANSISTOR SPA20N60C3E8152  |
| Q602                | 8-729-045-03   | TRANSISTOR 2SK2647-01MR-F91 |
| Q603                | 6-550-372-01   | TRANSISTOR SPA20N60C3E8152  |
| Q604                | 6-550-372-01   | TRANSISTOR SPA20N60C3E8152  |
| Q605                | 8-729-820-92   | TRANSISTOR 2SD1621ST-TD-E   |
| Q606                | 8-729-805-35   | TRANSISTOR 2SB1121-S-TD     |
| Q607                | 8-729-031-03   | TRANSISTOR 2PB709AR-115     |
| Q608                | 8-729-031-03   | TRANSISTOR 2PB709AR-115     |
| Q609                | 8-729-028-73   | TRANSISTOR DTA114EUA-T106   |
| Q801                | 8-729-028-76   | TRANSISTOR DTA114YUA-T106   |
| Q802                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q803                | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q804                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q805                | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q806                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q807                | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q808                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q809                | 8-729-028-91   | TRANSISTOR DTA144EUA-T106   |
| Q810                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q811                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q812                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q813                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q814                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q815                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| Q901                | 8-729-028-99   | TRANSISTOR DTC114YUA-T106   |
| Q902                | 8-729-028-99   | TRANSISTOR DTC114YUA-T106   |
| Q903                | 8-729-028-99   | TRANSISTOR DTC114YUA-T106   |
| Q904                | 8-729-033-24   | TRANSISTOR DTC114GKAT146    |
| Q905                | 8-729-029-14   | TRANSISTOR DTC144EUA-T106   |
| R1                  | △ 1-220-825-91 | RES, SURGE RESISTANT 330K   |
| R2                  | △ 1-240-251-11 | RES, CEMENT-COA 6.8         |
| R3                  | 1-216-841-91   | RES, CHIP 47K 1608          |
| R4                  | 1-216-837-91   | RES, CHIP 22K 1608          |
| R5                  | 1-216-821-91   | RES, CHIP 1.0K 1608         |
| R6                  | 1-216-834-91   | RES, CHIP 12K 1608          |
| R7                  | 1-260-085-81   | RES, CARBON SMALL TYPE 68   |
| R8                  | 1-216-833-91   | RES, CHIP 10K 1608          |
| R9                  | 1-216-833-91   | RES, CHIP 10K 1608          |
| R10                 | 1-216-837-91   | RES, CHIP 22K 1608          |

## G BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R011                | 1-215-861-71 | RES, METAL OXIDE FILM 47      |
| R15                 | 1-249-405-91 | RES, CARBON SMALL 100         |
| R16                 | 1-215-861-71 | RES, METAL OXIDE FILM 47      |
| R17                 | 1-208-838-91 | RES, CHIP 220K 2012           |
| R18                 | 1-208-838-91 | RES, CHIP 220K 2012           |
| R19                 | 1-208-838-91 | RES, CHIP 220K 2012           |
| R20                 | 1-208-838-91 | RES, CHIP 220K 2012           |
| R21                 | 1-208-838-91 | RES, CHIP 220K 2012           |
| R22                 | 1-208-840-91 | RES, CHIP 270K 2012           |
| R23                 | 1-218-891-91 | RES, CHIP 68K 1608            |
| R101                | 1-211-769-71 | RES, FUSE 3.3                 |
| R105                | 1-216-835-91 | RES, CHIP 15K 1608            |
| R107                | 1-215-892-71 | RES, METAL OXIDE FILM 1K      |
| R108                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R109                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R110                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R111                | 1-218-831-91 | RES, CHIP 220 1608            |
| R112                | 1-215-886-71 | RES, METAL OXIDE FILM 100     |
| R113                | 1-216-825-91 | RES, CHIP 2.2K 1608           |
| R114                | 1-216-813-91 | RES, CHIP 220 1608            |
| R116                | 1-218-857-91 | RES, CHIP 2.7K 1608           |
| R117                | 1-218-857-91 | RES, CHIP 2.7K 1608           |
| R118                | 1-219-718-11 | RES, CEMENT 0.1               |
| R119                | 1-219-718-11 | RES, CEMENT 0.1               |
| R120                | 1-219-718-11 | RES, CEMENT 0.1               |
| R121                | 1-219-718-11 | RES, CEMENT 0.1               |
| R122                | 1-216-797-91 | RES, CHIP 10 1608             |
| R123                | 1-216-801-91 | RES, CHIP 22 1608             |
| R124                | 1-216-825-91 | RES, CHIP 2.2K 1608           |
| R217                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R218                | 1-218-873-91 | RES, CHIP 12K 1608            |
| R219                | 1-219-718-11 | RES, CEMENT 0.1               |
| R220                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R221                | 1-218-873-91 | RES, CHIP 12K 1608            |
| R223                | 1-218-861-91 | RES, CHIP 3.9K 1608           |
| R224                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R225                | 1-219-718-11 | RES, CEMENT 0.1               |
| R226                | 1-219-718-11 | RES, CEMENT 0.1               |
| R227                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R228                | 1-218-893-91 | RES, CHIP 82K 1608            |
| R229                | 1-218-861-91 | RES, CHIP 3.9K 1608           |
| R230                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R231                | 1-218-861-91 | RES, CHIP 3.9K 1608           |
| R232                | 1-219-718-11 | RES, CEMENT 0.1               |
| R233                | 1-219-718-11 | RES, CEMENT 0.1               |
| R234                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R235                | 1-218-893-91 | RES, CHIP 82K 1608            |
| R236                | 1-218-861-91 | RES, CHIP 3.9K 1608           |
| R237                | 1-219-718-11 | RES, CEMENT 0.1               |
| R238                | 1-216-825-91 | RES, CHIP 2.2K 1608           |
| R239                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R240                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R241                | 1-218-873-91 | RES, CHIP 12K 1608            |
| R242                | 1-219-718-11 | RES, CEMENT 0.1               |
| R243                | 1-218-855-91 | RES, CHIP 2.2K 1608           |
| R244                | 1-218-873-91 | RES, CHIP 12K 1608            |
| R246                | 1-220-778-81 | RES, NONFLAMMABLE FUSE 0.1    |
| R247                | 1-220-778-81 | RES, NONFLAMMABLE FUSE 0.1    |
| R601                | 1-245-482-21 | RES, ANTI SURGE RESISTOR 680K |
| R602                | 1-245-482-21 | RES, ANTI SURGE RESISTOR 680K |

## G BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R603                | 1-245-482-21 | ANTI SURGE RESISTOR 680K       |
| R604                | 1-218-874-91 | RES, CHIP 13K 1608             |
| R605                | 1-216-845-91 | RES, CHIP 100K 1608            |
| R606                | 1-218-891-91 | RES, CHIP 68K 1608             |
| R607                | 1-247-815-91 | RES, CARBON SMALL 220          |
| R608                | 1-216-803-91 | RES, CHIP 33 1608              |
| R609                | 1-249-389-91 | RES, CARBON SMALL 4.7          |
| R610                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R611                | 1-219-728-11 | RES, CEMENT 0.22               |
| R612                | 1-216-797-91 | RES, CHIP 10 1608              |
| R613                | 1-215-901-71 | RES, METAL OXIDE FILM 33K      |
| R614                | 1-260-360-71 | RES, CARBON 470K               |
| R615                | 1-260-360-71 | RES, CARBON 470K               |
| R616                | 1-216-831-91 | RES, CHIP 6.8K 1608            |
| R617                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R618                | 1-218-867-91 | RES, CHIP 6.8K 1608            |
| R619                | 1-247-831-91 | RES, CARBON SMALL 1.0K         |
| R620                | 1-243-662-71 | RES, METAL PLATE 1.0           |
| R621                | 1-247-809-91 | RES, CARBON SMALL 120          |
| R622                | 1-216-837-91 | RES, CHIP 22K 1608             |
| R623                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R624                | 1-220-778-11 | RES, NONFLAMMABLE FUSE         |
| R625                | 1-219-512-91 | RESISTOR SURGE RESISTANT 2.2M  |
| R626                | 1-219-512-91 | RESISTOR SURGE RESISTANT 2.2M  |
| R627                | 1-216-837-91 | RES, CHIP 22K 1608             |
| R628                | 1-218-899-91 | RES, CHIP 150K 1608            |
| R629                | 1-218-876-91 | RES, CHIP 16K 1608             |
| R630                | 1-218-286-91 | RES, CHIP 91 1608              |
| R631                | 1-218-287-91 | RES, CHIP 200 1608             |
| R632                | 1-218-847-91 | RES, CHIP 1.0K 1608            |
| R633                | 1-249-393-91 | RES, CARBON SMALL 10           |
| R634                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R635                | 1-249-393-91 | RES, CARBON SMALL 10           |
| R636                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R637                | 1-243-979-71 | RES, OXIDE METAL FILM 0.1      |
| R638                | 1-219-728-11 | RES, CEMENT 0.22               |
| R639                | 1-249-393-91 | RES, CARBON SMALL 10           |
| R640                | 1-245-484-21 | ANTI SURGE RESISTOR 820K       |
| R641                | 1-245-484-21 | ANTI SURGE RESISTOR 820K       |
| R642                | 1-245-483-21 | ANTI SURGE RESISTOR 750K       |
| R643                | 1-216-864-91 | CONDUCTOR, CHIP 1608           |
| R644                | 1-218-917-91 | RES, CHIP 820K 1608            |
| R645                | 1-218-876-91 | RES, CHIP 16K 1608             |
| R646                | 1-216-295-91 | CONDUCTOR, CHIP 2012           |
| R651                | 1-215-459-91 | RES, METAL FILM SMALL TYPE 39K |
| R652                | 1-218-885-91 | RES, CHIP 39K 1608             |
| R653                | 1-218-885-91 | RES, CHIP 39K 1608             |
| R654                | 1-216-841-91 | RES, CHIP 47K 1608             |
| R655                | 1-218-855-91 | RES, CHIP 2.2K 1608            |
| R801                | 1-218-847-91 | RES, CHIP 1.0K 1608            |
| R802                | 1-218-873-91 | RES, CHIP 12K 1608             |
| R803                | 1-218-879-91 | RES, CHIP 22K 1608             |
| R804                | 1-216-829-91 | RES, CHIP 4.7K 1608            |
| R805                | 1-218-857-91 | RES, CHIP 2.7K 1608            |
| R806                | 1-218-853-91 | RES, CHIP 1.8K 1608            |
| R807                | 1-216-833-91 | RES, CHIP 10K 1608             |
| R808                | 1-218-879-91 | RES, CHIP 22K 1608             |
| R809                | 1-218-872-91 | RES, CHIP 11K 1608             |
| R810                | 1-218-863-91 | RES, CHIP 4.7K 1608            |
| R811                | 1-218-855-91 | RES, CHIP 2.2K 1608            |

## G BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| R812                | 1-216-821-91   | RES, CHIP 1.0K 1608           |
| R813                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R814                | 1-208-828-91   | RES, CHIP 82K 2012            |
| R815                | 1-208-828-91   | RES, CHIP 82K 2012            |
| R816                | 1-208-828-91   | RES, CHIP 82K 2012            |
| R817                | 1-218-855-91   | RES, CHIP 2.2K 1608           |
| R818                | 1-218-855-91   | RES, CHIP 2.2K 1608           |
| R819                | 1-218-849-91   | RES, CHIP 1.2K 1608           |
| R820                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R821                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R822                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R823                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R824                | 1-216-809-91   | RES, CHIP 100 1608            |
| R825                | 1-216-809-91   | RES, CHIP 100 1608            |
| R826                | 1-216-809-91   | RES, CHIP 100 1608            |
| R827                | 1-216-809-91   | RES, CHIP 100 1608            |
| R828                | 1-216-841-91   | RES, CHIP 47K 1608            |
| R829                | 1-216-837-91   | RES, CHIP 22K 1608            |
| R901                | △ 1-219-513-91 | RESISTOR SURGE RESISTANT 4.7M |
| R902                | △ 1-219-513-91 | RESISTOR SURGE RESISTANT 4.7M |
| R903                | 1-216-845-91   | RES, CHIP 100K 1608           |
| R904                | 1-216-815-91   | RES, CHIP 330 1608            |
| R905                | 1-216-829-91   | RES, CHIP 4.7K 1608           |
| R906                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R907                | 1-260-085-81   | RES, CARBON SMALL TYPE 68     |
| RY1                 | △ 1-755-268-11 | RELAY, AC POWER               |
| RY2                 | △ 1-755-018-11 | RELAY                         |
| SG1                 | 1-533-982-21   | GAP, SPARK                    |
| T1                  | △ 1-435-180-11 | TRANSFORMER, LINE FILTER      |
| T2                  | △ 1-435-180-11 | TRANSFORMER, LINE FILTER      |
| T101                | △ 1-435-184-11 | TRANSFORMER, CONVERTER SRT    |
| T201                | △ 1-443-676-21 | CONVERTER TRANSFORMER PIT     |
| THP2                | 1-809-827-11   | THERMISTOR, POSITIVE          |
| VDR2                | △ 1-801-268-51 | VARISTOR TNR14V471K660        |
| VDR3                | △ 1-810-622-21 | VARISTOR                      |

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PA BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description   |
|---------------------|--------------|--|
| 1pc                 | A-1091-285-A | § MOUNTED CIRCUIT BOARD, PA                                  |
| 2pcs                | 7-682-950-01 | § SCREW +PSW 3X12  |
| 1pc                 | 4-047-285-01 | § SHEET, INSULATING Q108 1                                   |
| 4pcs                | 4-382-854-11 | § SCREW M3X10 , P, SW +<br>Q105 1 , Q108 1 , Q405 1 , Q406 1 |
| 3pcs                | 7-682-647-09 | § SCREW +PS 3X6<br>IC901 1 , IC902 1 , IC903 1               |
| C101                | 1-107-492-91 | § CAP, ELECT 47MF  |
| C102                | 1-107-882-91 | § CAP, ELECT 100MF   |
| C103                | 1-104-653-91 | § CAP, ELECT 220MF   |
| C104                | 1-165-441-81 | § CAP, ELECT 33MF  |
| C105                | 1-108-425-91 | § CAP, PE TEREPHTHALATE 0.022MF                              |
| C106                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608                                |
| C107                | 1-162-134-91 | § CAP, CERAMIC 470PF B                                       |
| C108                | 1-136-069-11 | § CAP, P.P FILM 4400PF                                       |
| C109                | 1-104-990-91 | § CAP, PETP FILM 0.0033MF                                    |
| C110                | 1-117-671-11 | § CAP, PP FILM S 1.0MF                                       |
| C111                | 1-165-751-31 | § CAP, ELECT 330MF 105                                       |
| C113                | 1-115-350-91 | § CAP, CERAMIC 4700PF E                                      |
| C116                | 1-108-425-91 | § CAP, PE TEREPHTHALATE 0.022MF                              |
| C117                | 1-164-004-91 | § CAP, CERAMIC 100000PF B 2012                               |
| C118                | 1-165-875-91 | § CAP, CHIP CERAMIC 10MF B 3216                              |
| C119                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608                                 |
| C120                | 1-163-021-91 | § CAP, CERAMIC 10000PF B 2012                                |
| C121                | 1-163-021-91 | § CAP, CERAMIC 10000PF B 2012                                |
| C122                | 1-163-021-91 | § CAP, CERAMIC 10000PF B 2012                                |
| C151                | 1-128-526-91 | § CAP, ELECT 100MF   |
| C152                | 1-107-882-91 | § CAP, ELECT 100MF   |
| C153                | 1-107-882-91 | § CAP, ELECT 100MF   |
| C161                | 1-128-526-91 | § CAP, ELECT 100MF   |
| C201                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C202                | 1-104-653-91 | § CAP, ELECT 220MF   |
| C203                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608                                |
| C402                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C403                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C404                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C405                | 1-131-608-91 | § CAP, CHIP CERAMIC 2.2MF B 3216                             |
| C501                | 1-107-882-91 | § CAP, ELECT 100MF   |
| C502                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C503                | 1-107-906-91 | § CAP, ELECT 10MF  |
| C504                | 1-164-739-91 | § CAP, CERAMIC 560PF CH 1608                                 |
| C505                | 1-107-882-91 | § CAP, ELECT 100MF   |
| C506                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C507                | 1-162-964-91 | § CAP, CHIP CERAMIC 1000PF B 1608                            |
| C508                | 1-164-315-91 | § CAP, CERAMIC 470PF CH 1608                                 |
| C509                | 1-107-905-91 | § CAP, ELECT 4.7MF   |
| C510                | 1-162-923-91 | § CAP, CERAMIC 47PF CH 1608                                  |
| C511                | 1-162-966-91 | § CAP, CERAMIC 2200PF B 1608                                 |
| C512                | 1-162-964-91 | § CAP, CHIP CERAMIC 1000PF B 1608                            |
| C514                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C515                | 1-137-369-91 | § CAP, PETP FILM 0.0068MF                                    |
| C516                | 1-137-395-91 | § CAP, PETP FILM 0.022MF                                     |
| C551                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C552                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C553                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C601                | 1-107-882-91 | § CAP, ELECT 100MF   |
| C602                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608                             |
| C603                | 1-107-906-91 | § CAP, ELECT 10MF  |
| C604                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608                                |
| C605                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012                               |
| C606                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012                               |
| C607                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012                               |

PA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C608                | 1-100-566-91 | § CAP, CHIP CERAMIC 0.1MF B 1608 |
| C609                | 1-135-960-91 | § CAP, CHIP CERAMIC 10MF B 3225  |
| C651                | 1-107-909-91 | § CAP, ELECT 47MF                |
| C652                | 1-107-905-91 | § CAP, ELECT 4.7MF               |
| C653                | 1-107-696-91 | § CAP, ELECT 47MF                |
| C654                | 1-162-970-91 | § CAP, CERAMIC 10000PF B 1608    |
| C655                | 1-127-573-91 | § CAP, CHIP CERAMIC 1MF B 2012   |
| CN101               | 1-566-549-11 | § CONNECTOR 34P                  |
| CN102               | 1-564-513-11 | o PLUG, CONNECTOR 10P            |
| CN103               | 1-766-243-11 | o PIN, CONNECTOR PC BOARD 5P     |
| CN104               | 1-766-241-11 | o PIN, CONNECTOR PC BOARD 3P     |
| CN105               | 1-766-240-11 | o PIN, CONNECTOR PC BOARD 2P     |
| D101                | 8-719-404-50 | § DIODE MA111-TX                 |
| D102                | 8-719-112-81 | § DIODE RD12ES-T1B2              |
| D103                | 8-719-991-19 | § DIODE ERC91-02TP11             |
| D104                | 8-719-036-87 | § DIODE RD4.7SB-T1               |
| D105                | 8-719-991-33 | § DIODE 1SS133T-77               |
| D106                | 8-719-023-46 | § DIODE ERD38-06TP11             |
| D108                | 8-719-979-23 | § DIODE RGP02-17PKG23            |
| D201                | 8-719-404-50 | § DIODE MA111-TX                 |
| D202                | 8-719-404-50 | § DIODE MA111-TX                 |
| D203                | 8-719-404-50 | § DIODE MA111-TX                 |
| D204                | 8-719-036-94 | § DIODE RD5.6SB-T1               |
| D301                | 8-719-404-50 | § DIODE MA111-TX                 |
| D401                | 8-719-404-50 | § DIODE MA111-TX                 |
| D402                | 8-719-404-50 | § DIODE MA111-TX                 |
| D451                | 8-719-404-50 | § DIODE MA111-TX                 |
| D452                | 8-719-404-50 | § DIODE MA111-TX                 |
| D501                | 8-719-404-50 | § DIODE MA111-TX                 |
| D502                | 8-719-404-50 | § DIODE MA111-TX                 |
| D504                | 8-719-036-88 | § DIODE RD4.7SB1-T1              |
| D505                | 8-719-036-94 | § DIODE RD5.6SB-T1               |
| D506                | 8-719-404-50 | § DIODE MA111-TX                 |
| D507                | 8-719-404-50 | § DIODE MA111-TX                 |
| D508                | 8-719-404-50 | § DIODE MA111-TX                 |
| D509                | 8-719-037-22 | § DIODE RD12SB-T1                |
| D510                | 8-719-404-50 | § DIODE MA111-TX                 |
| D601                | 8-759-300-59 | § DIODE HZT33-02TA               |
| D602                | 8-719-404-50 | § DIODE MA111-TX                 |
| D603                | 8-719-404-50 | § DIODE MA111-TX                 |
| D604                | 8-719-404-50 | § DIODE MA111-TX                 |
| D605                | 8-719-036-70 | § DIODE RD2.7SB2-T1              |
| D608                | 8-719-404-50 | § DIODE MA111-TX                 |
| D609                | 8-719-036-88 | § DIODE RD4.7SB1-T1              |
| D651                | 8-759-300-59 | § DIODE HZT33-02TA               |
| D652                | 8-719-404-50 | § DIODE MA111-TX                 |
| D653                | 8-719-404-50 | § DIODE MA111-TX                 |
| D654                | 8-719-036-74 | § DIODE RD3.3SB-T1               |
| D655                | 8-719-404-50 | § DIODE MA111-TX                 |
| D656                | 8-719-404-50 | § DIODE MA111-TX                 |
| D657                | 8-719-036-65 | § DIODE RD2.0SB-T1               |
| D659                | 8-719-036-88 | § DIODE RD4.7SB1-T1              |
| D660                | 8-719-404-50 | § DIODE MA111-TX                 |
| FB101               | 1-410-397-51 | § FERRITE BEAD INDUCTOR          |
| IC101               | 8-759-523-04 | § IC TC74HC4538AFT EL            |
| IC151               | 8-759-701-79 | § IC NJM7812FA                   |
| IC152               | 8-759-929-65 | § IC LM7912CT                    |
| IC201               | 8-759-330-83 | § IC NJM2904M TE2                |
| IC501               | 8-759-663-28 | § IC BA9758AFS-E2                |

## PA BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| IC502               | 8-759-157-42 | IC TL082CPS-E20                   |
| IC601               | 8-759-276-28 | IC LM393PS-E20                    |
| L101                | 1-412-529-41 | MICRO INDUCTOR 22UH               |
| L102                | 1-406-659-21 | COIL, CHOKE 10UH                  |
| Q101                | 8-729-905-38 | TRANSISTOR 2SC4081T106R           |
| Q102                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR       |
| Q103                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106         |
| Q104                | 8-729-208-13 | TRANSISTOR 2SA10910-TPE2          |
| Q105                | 8-729-054-30 | TRANSISTOR 2SJ585LS-CB11          |
| Q106                | 8-729-019-85 | TRANSISTOR 2SC3392-5-TB-E         |
| Q107                | 8-729-824-24 | TRANSISTOR 2SA1338-5-TB-E         |
| Q108                | 8-729-020-63 | TRANSISTOR 2SK1120LBSOY           |
| Q109                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106         |
| Q201                | 8-729-020-07 | TRANSISTOR 2SC4686A(LBSOY)        |
| Q202                | 8-729-020-07 | TRANSISTOR 2SC4686A(LBSOY)        |
| Q203                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106         |
| Q204                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR       |
| Q301                | 8-729-020-07 | TRANSISTOR 2SC4686A(LBSOY)        |
| Q401                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR       |
| Q402                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR       |
| Q403                | 8-729-905-38 | TRANSISTOR 2SC4081T106R           |
| Q404                | 8-729-820-53 | TRANSISTOR 2SD1683-T              |
| Q405                | 8-729-117-12 | TRANSISTOR 2SB1151-K              |
| Q451                | 8-729-020-07 | TRANSISTOR 2SC4686A(LBSOY)        |
| Q452                | 8-729-020-07 | TRANSISTOR 2SC4686A(LBSOY)        |
| Q501                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR       |
| Q601                | 8-729-028-73 | TRANSISTOR DTA114EUA-T106         |
| Q602                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106         |
| Q603                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106         |
| Q651                | 8-729-028-73 | TRANSISTOR DTA114EUA-T106         |
| Q652                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106         |
| R101                | 1-216-833-91 | RES, CHIP 10K (1608)              |
| R102                | 1-218-831-91 | RES, CHIP 220 (1608)              |
| R103                | 1-215-479-91 | RES, METAL FILM (SMALL TYPE) 270K |
| R104                | 1-216-347-71 | RES, METAL OXIDE FILM 0.68        |
| R105                | 1-215-477-91 | RES, METAL FILM (SMALL TYPE) 220K |
| R106                | 1-216-824-91 | RES, CHIP 1.8K (1608)             |
| R107                | 1-216-833-91 | RES, CHIP 10K (1608)              |
| R108                | 1-218-831-91 | RES, CHIP 220 (1608)              |
| R109                | 1-215-479-91 | RES, METAL FILM (SMALL TYPE) 270K |
| R110                | 1-216-837-91 | RES, CHIP 22K (1608)              |
| R111                | 1-249-397-91 | RES, CARBON (SMALL) 22            |
| R112                | 1-216-797-91 | RES, CHIP 10 (1608)               |
| R113                | 1-216-821-91 | RES, CHIP 1.0K (1608)             |
| R114                | 1-249-397-91 | RES, CARBON (SMALL) 22            |
| R115                | 1-215-913-71 | RES, METAL OXIDE FILM 220         |
| R116                | 1-215-913-71 | RES, METAL OXIDE FILM 220         |
| R117                | 1-249-381-91 | RES, CARBON (SMALL) 1             |
| R119                | 1-211-828-71 | RES, FUSE 470                     |
| R120                | 1-215-445-91 | RES, METAL FILM (SMALL TYPE) 10K  |
| R121                | 1-218-903-91 | RES, CHIP 220K (1608)             |
| R122                | 1-216-843-91 | RES, CHIP 68K (1608)              |
| R123                | 1-216-843-91 | RES, CHIP 68K (1608)              |
| R124                | 1-216-843-91 | RES, CHIP 68K (1608)              |
| R125                | 1-216-843-91 | RES, CHIP 68K (1608)              |
| R126                | 1-216-839-91 | RES, CHIP 33K (1608)              |
| R151                | 1-249-392-91 | RES, CARBON (SMALL) 8.2           |

## (PA BOARD (BVM-A20))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R152                | 1-249-392-91 | RES, CARBON (SMALL) 8.2         |
| R201                | 1-218-905-91 | RES, CHIP 270K (1608)           |
| R202                | 1-218-889-91 | RES, CHIP 56K (1608)            |
| R203                | 1-216-833-91 | RES, CHIP 10K (1608)            |
| R204                | 1-216-845-91 | RES, CHIP 100K (1608)           |
| R205                | 1-218-896-91 | RES, CHIP 110K (1608)           |
| R206                | 1-216-829-91 | RES, CHIP 4.7K (1608)           |
| R207                | 1-218-901-91 | RES, CHIP 180K (1608)           |
| R208                | 1-245-946-11 | RES, METAL FILM 10M             |
| R209                | 1-218-888-91 | RES, CHIP 51K (1608)            |
| R210                | 1-245-946-11 | RES, METAL FILM 10M             |
| R211                | 1-219-759-91 | RESISTOR (SURGE RESISTANT) 1M   |
| R212                | 1-218-859-91 | RES, CHIP 3.3K (1608)           |
| R213                | 1-218-859-91 | RES, CHIP 3.3K (1608)           |
| R214                | 1-216-822-91 | RES, CHIP 1.2K (1608)           |
| R301                | 1-216-821-91 | RES, CHIP 1.0K (1608)           |
| R302                | 1-216-837-91 | RES, CHIP 22K (1608)            |
| R303                | 1-216-833-91 | RES, CHIP 10K (1608)            |
| R304                | 1-216-833-91 | RES, CHIP 10K (1608)            |
| R305                | 1-216-848-91 | RES, CHIP 180K (1608)           |
| R306                | 1-219-759-91 | RESISTOR (SURGE RESISTANT) 1M   |
| R402                | 1-216-833-91 | RES, CHIP 10K (1608)            |
| R403                | 1-216-809-91 | RES, CHIP 100 (1608)            |
| R404                | 1-216-831-91 | RES, CHIP 6.8K (1608)           |
| R405                | 1-216-822-91 | RES, CHIP 1.2K (1608)           |
| R406                | 1-216-814-91 | RES, CHIP 270 (1608)            |
| R407                | 1-216-829-91 | RES, CHIP 4.7K (1608)           |
| R408                | 1-249-393-91 | RES, CARBON (SMALL) 10          |
| R409                | 1-249-393-91 | RES, CARBON (SMALL) 10          |
| R410                | 1-215-862-71 | RES, METAL OXIDE FILM 68        |
| R411                | 1-215-862-71 | RES, METAL OXIDE FILM 68        |
| R412                | 1-245-945-11 | RES, METAL FILM 2M              |
| R413                | 1-216-827-91 | RES, CHIP 3.3K (1608)           |
| R451                | 1-216-846-91 | RES, CHIP 120K (1608)           |
| R452                | 1-245-945-11 | RES, METAL FILM 2M              |
| R453                | 1-245-946-11 | RES, METAL FILM 10M             |
| R454                | 1-219-749-91 | RESISTOR (SURGE RESISTANT) 10K  |
| R501                | 1-216-837-91 | RES, CHIP 22K (1608)            |
| R502                | 1-218-895-91 | RES, CHIP 100K (1608)           |
| R503                | 1-216-830-91 | RES, CHIP 5.6K (1608)           |
| R504                | 1-216-821-91 | RES, CHIP 1.0K (1608)           |
| R505                | 1-216-829-91 | RES, CHIP 4.7K (1608)           |
| R506                | 1-216-829-91 | RES, CHIP 4.7K (1608)           |
| R507                | 1-216-829-91 | RES, CHIP 4.7K (1608)           |
| R508                | 1-216-841-81 | RES, CHIP 47K (1608)            |
| R509                | 1-216-841-81 | RES, CHIP 47K (1608)            |
| R510                | 1-216-841-81 | RES, CHIP 47K (1608)            |
| R511                | 1-216-809-91 | RES, CHIP 100 (1608)            |
| R512                | 1-216-833-91 | RES, CHIP 10K (1608)            |
| R513                | 1-218-883-91 | RES, CHIP 33K (1608)            |
| R514                | 1-218-875-91 | RES, CHIP 15K (1608)            |
| R515                | 1-218-867-91 | RES, CHIP 6.8K (1608)           |
| R516                | 1-216-833-91 | RES, CHIP 10K (1608)            |
| R517                | 1-216-845-91 | RES, CHIP 100K (1608)           |
| R518                | 1-219-753-91 | RESISTOR (SURGE RESISTANT) 220K |
| R519                | 1-219-748-91 | RESISTOR (SURGE RESISTANT) 4.7K |
| R520                | 1-216-845-91 | RES, CHIP 100K (1608)           |
| R521                | 1-216-809-91 | RES, CHIP 100 (1608)            |
| R551                | 1-216-809-91 | RES, CHIP 100 (1608)            |

## PA BOARD BVM-A20

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R552                | 1-216-845-91 | RES, CHIP 100K 1608        |
| R553                | 1-216-809-91 | RES, CHIP 100 1608         |
| R601                | 1-215-902-71 | RES, METAL OXIDE FILM 47K  |
| R602                | 1-218-897-91 | RES, CHIP 120K 1608        |
| R603                | 1-218-912-91 | RES, CHIP 510K 1608        |
| R604                | 1-218-912-91 | RES, CHIP 510K 1608        |
| R605                | 1-216-864-91 | CONDUCTOR, CHIP 1608       |
| R606                | 1-218-894-91 | RES, CHIP 91K 1608         |
| R607                | 1-218-862-91 | RES, CHIP 4.3K 1608        |
| R608                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R651                | 1-215-902-71 | RES, METAL OXIDE FILM 47K  |
| R652                | 1-218-888-91 | RES, CHIP 51K 1608         |
| R653                | 1-218-887-91 | RES, CHIP 47K 1608         |
| R654                | 1-218-879-91 | RES, CHIP 22K 1608         |
| R655                | 1-218-890-91 | RES, CHIP 62K 1608         |
| R656                | 1-218-879-91 | RES, CHIP 22K 1608         |
| R657                | 1-216-837-91 | RES, CHIP 22K 1608         |
| R658                | 1-216-823-91 | RES, CHIP 1.5K 1608        |
| RV501               | 1-228-991-11 | RES, ADJ, METAL GLAZE 2.2K |
| RV601               | 1-228-994-11 | RES, ADJ, METAL GLAZE 10K  |
| T101                | 1-429-284-11 | TRANSFORMER, FERRITE LOT   |
| T401                | 1-424-555-12 | TRANSFORMER, FERRITE DFT   |
| TP501               | 1-535-877-22 | CHIP, CHECKER              |
| TP502               | 1-535-877-22 | CHIP, CHECKER              |
| TP503               | 1-535-877-22 | CHIP, CHECKER              |
| TP504               | 1-535-877-22 | CHIP, CHECKER              |
| TP601               | 1-535-877-22 | CHIP, CHECKER              |
| TP602               | 1-535-877-22 | CHIP, CHECKER              |
| TP603               | 1-535-877-22 | CHIP, CHECKER              |

## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description   |
|---------------------|--------------|--|
| 1pc                 | A-1091-092-A | MOUNTED CIRCUIT BOARD, PA                              |
| 2pcs                | 7-682-950-01 | SCREW +PSW 3X12  |
| 1pc                 | 4-047-285-01 | SHEET, INSULATING Q108 1                               |
| 4pcs                | 4-382-854-11 | SCREW M3X10, P, SW +<br>Q105 1, Q108 1, Q405 1, Q406 1 |
| 3pcs                | 7-682-647-09 | SCREW +PS 3X6<br>IC901 1, IC902 1, IC903 1             |
| C101                | 1-107-492-91 | CAP, ELECT 47MF  |
| C102                | 1-107-882-91 | CAP, ELECT 100MF                                       |
| C103                | 1-104-653-91 | CAP, ELECT 220MF                                       |
| C104                | 1-165-441-81 | CAP, ELECT 33MF  |
| C105                | 1-108-425-91 | CAP, PE TEREPHTHALATE 0.022MF                          |
| C106                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608                            |
| C107                | 1-162-134-91 | CAP, CERAMIC 470PF B                                   |
| C108                | 1-136-069-11 | CAP, P.P FILM 4400PF                                   |
| C109                | 1-104-990-91 | CAP, PETP FILM 0.0033MF                                |
| C110                | 1-117-671-11 | CAP, PP FILM S 1.0MF                                   |
| C111                | 1-165-751-31 | CAP, ELECT 330MF 105                                   |
| C112                | 1-165-441-81 | CAP, ELECT 33MF  |
| C113                | 1-115-350-91 | CAP, CERAMIC 4700PF E                                  |
| C114                | 1-115-350-91 | CAP, CERAMIC 4700PF E                                  |
| C115                | 1-115-350-91 | CAP, CERAMIC 4700PF E                                  |
| C116                | 1-108-425-91 | CAP, PE TEREPHTHALATE 0.022MF                          |
| C117                | 1-164-004-91 | CAP, CERAMIC 100000PF B 2012                           |
| C118                | 1-165-875-91 | CAP, CHIP CERAMIC 10MF B 3216                          |
| C119                | 1-164-315-91 | CAP, CERAMIC 470PF CH 1608                             |
| C120                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012                            |
| C121                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012                            |
| C122                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012                            |
| C151                | 1-128-526-91 | CAP, ELECT 100MF                                       |
| C152                | 1-107-882-91 | CAP, ELECT 100MF                                       |
| C153                | 1-107-882-91 | CAP, ELECT 100MF                                       |
| C161                | 1-128-526-91 | CAP, ELECT 100MF                                       |
| C201                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C202                | 1-107-909-91 | CAP, ELECT 47MF  |
| C203                | 1-162-970-91 | CAP, CERAMIC 10000PF B 1608                            |
| C401                | 1-107-943-91 | CAP, ELECT 10MF  |
| C402                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C403                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C404                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C405                | 1-137-376-91 | CAP, PETP FILM 0.1MF                                   |
| C406                | 1-107-905-91 | CAP, ELECT 4.7MF                                       |
| C407                | 1-126-364-91 | CAP, ELECT 22MF  |
| C801                | 1-107-875-91 | CAP, ELECT 220MF                                       |
| C802                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C803                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C805                | 1-104-652-91 | CAP, ELECT 470MF                                       |
| C806                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C807                | 1-104-652-91 | CAP, ELECT 470MF                                       |
| C808                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C809                | 1-104-652-91 | CAP, ELECT 470MF                                       |
| C810                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C811                | 1-104-652-91 | CAP, ELECT 470MF                                       |
| C812                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C813                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C814                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C815                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C816                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C817                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C818                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C819                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |
| C820                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608                         |

## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C821                | 1-104-652-91 | CAP, ELECT 470MF               |
| C822                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C823                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C824                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C825                | 1-104-652-91 | CAP, ELECT 470MF               |
| C826                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C831                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C832                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C833                | 1-126-935-91 | CAP, ELECT 470MF               |
| C834                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C835                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C841                | 1-107-888-91 | CAP, ELECT 47MF                |
| C842                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C843                | 1-107-884-91 | CAP, ELECT 1000MF              |
| C844                | 1-128-339-91 | CAP, ELECT 2200MF              |
| C845                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C861                | 1-128-339-91 | CAP, ELECT 2200MF              |
| C862                | 1-107-884-91 | CAP, ELECT 1000MF              |
| C863                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C881                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012    |
| C882                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C885                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012    |
| C886                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C891                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012    |
| C892                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C893                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012    |
| C894                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C895                | 1-163-021-91 | CAP, CERAMIC 10000PF B 2012    |
| C896                | 1-162-964-91 | CAP,CHIP CERAMIC 1000PF B 1608 |
| C901                | 1-107-888-91 | CAP, ELECT 47MF                |
| C902                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C903                | 1-107-888-91 | CAP, ELECT 47MF                |
| C904                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C905                | 1-107-888-91 | CAP, ELECT 47MF                |
| C906                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C911                | 1-107-888-91 | CAP, ELECT 47MF                |
| C912                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C913                | 1-107-888-91 | CAP, ELECT 47MF                |
| C914                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C915                | 1-107-888-91 | CAP, ELECT 47MF                |
| C916                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C921                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C922                | 1-137-376-91 | CAP, PETP FILM 0.1MF           |
| C923                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C931                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C932                | 1-137-376-91 | CAP, PETP FILM 0.1MF           |
| C933                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C941                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C942                | 1-137-376-91 | CAP, PETP FILM 0.1MF           |
| C943                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C951                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C952                | 1-137-376-91 | CAP, PETP FILM 0.1MF           |
| C953                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C961                | 1-127-715-91 | CAP,CHIP CERAMIC 0.22MF B 1608 |
| C962                | 1-130-495-91 | CAP, PE TEREPHTHALATE 0.1MF    |
| C963                | 1-100-566-91 | CAP, CHIP CERAMIC 0.1MF B 1608 |
| CN101               | 1-566-549-11 | CONNECTOR 34P                  |
| CN103               | 1-766-243-11 | o PIN, CONNECTOR PC BOARD 5P   |
| CN201               | 1-766-241-11 | o PIN, CONNECTOR PC BOARD 3P   |
| CN401               | 1-766-242-11 | o PIN, CONNECTOR PC BOARD 4P   |
| CN901               | 1-564-513-11 | o PLUG, CONNECTOR 10P          |

## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| D101                | 8-719-404-50 | s DIODE MA111-TX              |
| D102                | 8-719-112-81 | s DIODE RD12ES-T1B2           |
| D103                | 8-719-991-19 | s DIODE ERC91-02TP11          |
| D104                | 8-719-036-87 | s DIODE RD4.7SB-T1            |
| D105                | 8-719-991-33 | s DIODE 1SS133T-77            |
| D106                | 8-719-023-46 | s DIODE ERD38-06TP11          |
| D107                | 8-719-023-46 | s DIODE ERD38-06TP11          |
| D108                | 8-719-979-23 | s DIODE RGP02-17PKG23         |
| D109                | 8-719-979-23 | s DIODE RGP02-17PKG23         |
| D110                | 8-719-979-23 | s DIODE RGP02-17PKG23         |
| D201                | 8-719-404-50 | s DIODE MA111-TX              |
| D202                | 8-719-404-50 | s DIODE MA111-TX              |
| D203                | 8-719-404-50 | s DIODE MA111-TX              |
| D204                | 8-719-036-94 | s DIODE RD5.6SB-T1            |
| D401                | 8-719-991-33 | s DIODE 1SS133T-77            |
| D402                | 8-719-991-33 | s DIODE 1SS133T-77            |
| D451                | 8-719-404-50 | s DIODE MA111-TX              |
| D452                | 8-719-404-50 | s DIODE MA111-TX              |
| D801                | 8-719-404-50 | s DIODE MA111-TX              |
| D921                | 8-719-820-42 | s DIODE 1SS302-TE85L          |
| D931                | 8-719-820-42 | s DIODE 1SS302-TE85L          |
| D941                | 8-719-820-42 | s DIODE 1SS302-TE85L          |
| D951                | 8-719-820-42 | s DIODE 1SS302-TE85L          |
| D961                | 8-719-820-42 | s DIODE 1SS302-TE85L          |
| F801                | 1-533-998-21 | s FUSE, SMD 1A/125V           |
| F802                | 1-533-998-21 | s FUSE, SMD 1A/125V           |
| FB101               | 1-410-397-51 | s FERRITE BEAD INDUCTOR       |
| FL801               | 1-233-327-11 | s FILTER, CHIP EMI            |
| IC101               | 8-759-523-04 | s IC TC74HC4538AFT EL         |
| IC151               | 8-759-701-79 | s IC NJM7812FA                |
| IC152               | 8-759-929-65 | s IC LM7912CT                 |
| IC201               | 8-759-330-83 | s IC NJM2904M TE2             |
| IC712               | 8-759-157-42 | s IC TL082CPS-E20             |
| IC801               | 8-752-072-94 | s IC CXA1875AM-T4             |
| IC802               | 8-752-072-94 | s IC CXA1875AM-T4             |
| IC803               | 8-759-925-54 | s IC LM2940CT-5.0 NOPB        |
| IC804               | 8-759-247-67 | s IC LM2990T-5.0              |
| IC811               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC812               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC813               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC814               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC815               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC816               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC817               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC818               | 8-759-249-16 | s IC NJM4558M-TE2             |
| IC821               | 8-759-523-02 | s IC TC74HC4053AFT EL         |
| IC822               | 8-759-523-02 | s IC TC74HC4053AFT EL         |
| IC901               | 8-759-822-38 | s IC LA6510                   |
| IC902               | 8-759-822-38 | s IC LA6510                   |
| IC903               | 8-759-803-42 | s IC LA6500-FA                |
| L101                | 1-412-529-41 | s MICRO INDUCTOR 22UH         |
| L102                | 1-406-659-21 | s COIL, CHOKE 10UH            |
| Q101                | 8-729-905-38 | s TRANSISTOR 2SC4081T106R     |
| Q102                | 8-729-026-53 | s TRANSISTOR 2SA1576A-T106-QR |
| Q103                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q104                | 8-729-208-13 | s TRANSISTOR 2SA10910-TPE2    |

## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| Q105                | 8-729-054-30 | TRANSISTOR 2SJ585LS-CB11        |
| Q106                | 8-729-019-85 | TRANSISTOR 2SC3392-5-TB-E       |
| Q107                | 8-729-824-24 | TRANSISTOR 2SA1338-5-TB-E       |
| Q108                | 8-729-020-63 | TRANSISTOR 2SK1120LBSONY        |
| Q109                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106       |
| Q201                | 8-729-032-61 | TRANSISTOR 2SC5022-02           |
| Q202                | 8-729-032-61 | TRANSISTOR 2SC5022-02           |
| Q203                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106       |
| Q204                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR     |
| Q401                | 8-729-204-98 | TRANSISTOR 2SC25510-TPE2        |
| Q402                | 8-729-204-98 | TRANSISTOR 2SC25510-TPE2        |
| Q403                | 8-729-209-62 | TRANSISTOR 2SC2459-GR-TPE4      |
| Q404                | 8-729-203-85 | TRANSISTOR 2SA1049TP-GR         |
| Q405                | 8-729-207-82 | TRANSISTOR 2SC3421-Y            |
| Q406                | 8-729-207-82 | TRANSISTOR 2SC3421-Y            |
| Q451                | 8-729-020-07 | TRANSISTOR 2SC4686A LBSONY      |
| Q452                | 8-729-020-07 | TRANSISTOR 2SC4686A LBSONY      |
| R101                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R102                | 1-218-831-91 | RES, CHIP 220 1608              |
| R103                | 1-215-479-91 | RES, METAL FILM SMALL TYPE 270K |
| R104                | 1-216-347-71 | RES, METAL OXIDE FILM 0.68      |
| R105                | 1-215-477-91 | RES, METAL FILM SMALL TYPE 220K |
| R106                | 1-216-824-91 | RES, CHIP 1.8K 1608             |
| R107                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R108                | 1-218-831-91 | RES, CHIP 220 1608              |
| R109                | 1-215-479-91 | RES, METAL FILM SMALL TYPE 270K |
| R110                | 1-216-837-91 | RES, CHIP 22K 1608              |
| R111                | 1-249-397-91 | RES, CARBON SMALL 22            |
| R112                | 1-216-797-91 | RES, CHIP 10 1608               |
| R113                | 1-216-821-91 | RES, CHIP 1.0K 1608             |
| R114                | 1-249-397-91 | RES, CARBON SMALL 22            |
| R115                | 1-215-913-71 | RES, METAL OXIDE FILM 220       |
| R116                | 1-215-913-71 | RES, METAL OXIDE FILM 220       |
| R117                | 1-249-381-91 | RES, CARBON SMALL 1             |
| R118                | 1-249-381-91 | RES, CARBON SMALL 1             |
| R119                | 1-211-828-71 | RES, FUSE 470                   |
| R120                | 1-215-445-91 | RES, METAL FILM SMALL TYPE 10K  |
| R121                | 1-218-903-91 | RES, CHIP 220K 1608             |
| R122                | 1-216-843-91 | RES, CHIP 68K 1608              |
| R123                | 1-216-843-91 | RES, CHIP 68K 1608              |
| R124                | 1-216-843-91 | RES, CHIP 68K 1608              |
| R125                | 1-216-843-91 | RES, CHIP 68K 1608              |
| R126                | 1-216-839-91 | RES, CHIP 33K 1608              |
| R151                | 1-249-392-91 | RES, CARBON SMALL 8.2           |
| R152                | 1-249-392-91 | RES, CARBON SMALL 8.2           |
| R201                | 1-218-895-91 | RES, CHIP 100K 1608             |
| R202                | 1-218-899-91 | RES, CHIP 150K 1608             |
| R203                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R204                | 1-216-845-91 | RES, CHIP 100K 1608             |
| R205                | 1-218-893-91 | RES, CHIP 82K 1608              |
| R206                | 1-216-829-91 | RES, CHIP 4.7K 1608             |
| R207                | 1-218-883-91 | RES, CHIP 33K 1608              |
| R208                | 1-245-946-11 | RES, METAL FILM 10M             |
| R209                | 1-218-905-91 | RES, CHIP 270K 1608             |
| R210                | 1-245-946-11 | RES, METAL FILM 10M             |
| R211                | 1-219-759-91 | RESISTOR SURGE RESISTANT 1M     |
| R212                | 1-218-859-91 | RES, CHIP 3.3K 1608             |
| R213                | 1-218-859-91 | RES, CHIP 3.3K 1608             |

## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R214                | 1-216-822-91 | RES, CHIP 1.2K 1608             |
| R401                | 1-260-304-71 | RES, CARBON 10                  |
| R402                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R403                | 1-216-809-91 | RES, CHIP 100 1608              |
| R404                | 1-216-826-91 | RES, CHIP 2.7K 1608             |
| R405                | 1-247-799-91 | RES, CARBON SMALL 47            |
| R406                | 1-215-901-71 | RES, METAL OXIDE FILM 33K       |
| R407                | 1-247-775-91 | RES, CARBON SMALL 4.7           |
| R408                | 1-215-448-91 | RES, METAL FILM SMALL TYPE 13K  |
| R409                | 1-215-433-91 | RES, METAL FILM SMALL TYPE 3.3K |
| R410                | 1-215-459-91 | RES, METAL FILM SMALL TYPE 39K  |
| R412                | 1-249-389-91 | RES, CARBON SMALL 4.7           |
| R413                | 1-249-389-91 | RES, CARBON SMALL 4.7           |
| R414                | 1-249-389-91 | RES, CARBON SMALL 4.7           |
| R415                | 1-215-881-71 | RES, METAL OXIDE FILM 15        |
| R451                | 1-216-846-91 | RES, CHIP 120K 1608             |
| R452                | 1-245-945-11 | RES, METAL FILM 2M              |
| R453                | 1-245-946-11 | RES, METAL FILM 10M             |
| R454                | 1-219-749-91 | RESISTOR SURGE RESISTANT 10K    |
| R777                | 1-216-809-91 | RES, CHIP 100 1608              |
| R801                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R802                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R803                | 1-216-813-91 | RES, CHIP 220 1608              |
| R804                | 1-216-813-91 | RES, CHIP 220 1608              |
| R805                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R806                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R807                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R808                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R809                | 1-216-813-91 | RES, CHIP 220 1608              |
| R810                | 1-216-813-91 | RES, CHIP 220 1608              |
| R811                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R812                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R813                | 1-218-875-91 | RES, CHIP 15K 1608              |
| R814                | 1-218-875-91 | RES, CHIP 15K 1608              |
| R815                | 1-218-875-91 | RES, CHIP 15K 1608              |
| R816                | 1-218-875-91 | RES, CHIP 15K 1608              |
| R817                | 1-218-875-91 | RES, CHIP 15K 1608              |
| R818                | 1-218-879-91 | RES, CHIP 22K 1608              |
| R820                | 1-216-837-91 | RES, CHIP 22K 1608              |
| R821                | 1-216-833-91 | RES, CHIP 10K 1608              |
| R822                | 1-218-871-91 | RES, CHIP 10K 1608              |
| R823                | 1-218-881-91 | RES, CHIP 27K 1608              |
| R824                | 1-218-871-91 | RES, CHIP 10K 1608              |
| R825                | 1-218-878-91 | RES, CHIP 20K 1608              |
| R826                | 1-218-887-91 | RES, CHIP 47K 1608              |
| R827                | 1-216-861-91 | RES, CHIP 2.2M 1608             |
| R828                | 1-216-127-91 | RES, CHIP 1.8M 2012             |
| R829                | 1-218-847-91 | RES, CHIP 1.0K 1608             |
| R830                | 1-218-879-91 | RES, CHIP 22K 1608              |
| R831                | 1-218-863-91 | RES, CHIP 4.7K 1608             |
| R832                | 1-218-887-91 | RES, CHIP 47K 1608              |
| R833                | 1-218-871-91 | RES, CHIP 10K 1608              |
| R834                | 1-218-890-91 | RES, CHIP 62K 1608              |
| R835                | 1-218-879-91 | RES, CHIP 22K 1608              |
| R836                | 1-218-879-91 | RES, CHIP 22K 1608              |
| R837                | 1-218-877-91 | RES, CHIP 18K 1608              |
| R838                | 1-218-879-91 | RES, CHIP 22K 1608              |
| R839                | 1-218-895-91 | RES, CHIP 100K 1608             |
| R840                | 1-218-895-91 | RES, CHIP 100K 1608             |



## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |
|---------------------|--------------|-----------------------|
| R841                | 1-216-833-91 | RES, CHIP 10K 1608    |
| R842                | 1-218-855-91 | RES, CHIP 2.2K 1608   |
| R843                | 1-218-863-91 | RES, CHIP 4.7K 1608   |
| R844                | 1-218-880-91 | RES, CHIP 24K 1608    |
| R845                | 1-216-828-91 | RES, CHIP 3.9K 1608   |
| R846                | 1-218-874-91 | RES, CHIP 13K 1608    |
| R847                | 1-218-917-91 | RES, CHIP 820K 1608   |
| R848                | 1-216-853-91 | RES, CHIP 470K 1608   |
| R849                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R850                | 1-216-861-91 | RES, CHIP 2.2M 1608   |
| R851                | 1-216-853-91 | RES, CHIP 470K 1608   |
| R852                | 1-218-867-91 | RES, CHIP 6.8K 1608   |
| R853                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R854                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R855                | 1-216-825-91 | RES, CHIP 2.2K 1608   |
| R856                | 1-218-864-91 | RES, CHIP 5.1K 1608   |
| R857                | 1-218-877-91 | RES, CHIP 18K 1608    |
| R858                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R859                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R860                | 1-218-877-91 | RES, CHIP 18K 1608    |
| R861                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R862                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R864                | 1-216-861-91 | RES, CHIP 2.2M 1608   |
| R865                | 1-218-919-91 | RES, CHIP 1M 1608     |
| R866                | 1-216-853-91 | RES, CHIP 470K 1608   |
| R867                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R868                | 1-216-853-91 | RES, CHIP 470K 1608   |
| R869                | 1-218-869-91 | RES, CHIP 8.2K 1608   |
| R870                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R871                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R872                | 1-216-826-91 | RES, CHIP 2.7K 1608   |
| R873                | 1-218-855-91 | RES, CHIP 2.2K 1608   |
| R874                | 1-218-883-91 | RES, CHIP 33K 1608    |
| R875                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R876                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R877                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R878                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R881                | 1-218-878-91 | RES, CHIP 20K 1608    |
| R882                | 1-218-873-91 | RES, CHIP 12K 1608    |
| R883                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R884                | 1-218-877-91 | RES, CHIP 18K 1608    |
| R885                | 1-218-878-91 | RES, CHIP 20K 1608    |
| R886                | 1-218-873-91 | RES, CHIP 12K 1608    |
| R887                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R888                | 1-218-877-91 | RES, CHIP 18K 1608    |
| R889                | 1-218-878-91 | RES, CHIP 20K 1608    |
| R890                | 1-218-873-91 | RES, CHIP 12K 1608    |
| R891                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R892                | 1-218-877-91 | RES, CHIP 18K 1608    |
| R893                | 1-218-878-91 | RES, CHIP 20K 1608    |
| R894                | 1-218-873-91 | RES, CHIP 12K 1608    |
| R895                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R896                | 1-218-877-91 | RES, CHIP 18K 1608    |
| R898                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R899                | 1-218-871-91 | RES, CHIP 10K 1608    |
| R900                | 1-218-879-91 | RES, CHIP 22K 1608    |
| R901                | 1-249-383-91 | RES, CARBON SMALL 1.5 |
| R902                | 1-249-383-91 | RES, CARBON SMALL 1.5 |
| R903                | 1-249-383-91 | RES, CARBON SMALL 1.5 |

## PA BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| R911                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R912                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R913                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R921                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R922                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R923                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R924                | 1-215-882-71   | RES, METAL OXIDE FILM 22      |
| R925                | 1-249-441-91   | RES, CARBON SMALL 100K        |
| R926                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R927                | 1-216-789-91   | RES, CHIP 2.2 1608            |
| R931                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R932                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R933                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R934                | 1-215-882-71   | RES, METAL OXIDE FILM 22      |
| R935                | 1-249-441-91   | RES, CARBON SMALL 100K        |
| R936                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R937                | 1-216-789-91   | RES, CHIP 2.2 1608            |
| R941                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R942                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R943                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R944                | 1-215-882-71   | RES, METAL OXIDE FILM 22      |
| R945                | 1-249-441-91   | RES, CARBON SMALL 100K        |
| R946                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R947                | 1-216-789-91   | RES, CHIP 2.2 1608            |
| R951                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R952                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R953                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R954                | 1-215-882-71   | RES, METAL OXIDE FILM 22      |
| R955                | 1-249-441-91   | RES, CARBON SMALL 100K        |
| R956                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| R957                | 1-216-789-91   | RES, CHIP 2.2 1608            |
| R961                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R962                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R963                | 1-216-833-91   | RES, CHIP 10K 1608            |
| R964                | 1-215-859-71   | RES, METAL OXIDE FILM 22      |
| R965                | 1-249-441-91   | RES, CARBON SMALL 100K        |
| R966                | 1-249-383-91   | RES, CARBON SMALL 1.5         |
| T101                | Δ 1-443-579-11 | RES, FERRITE TRANSFORMER LOT  |
| T401                | Δ 1-431-998-11 | RES, TRANSFORMER, FERRITE DFT |
| TP801               | 1-535-877-22   | RES, CHIP, CHECKER            |
| TP802               | 1-535-877-22   | RES, CHIP, CHECKER            |
| TP803               | 1-535-877-22   | RES, CHIP, CHECKER            |
| TP804               | 1-535-877-22   | RES, CHIP, CHECKER            |

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PC BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.       | SP Description                                 |
|---------------------|----------------|--|
| 1pc                 | A-1168-481-A   | s MOUNTED CIRCUIT BOARD, PC                    |
| 2pcs                | 3-710-578-01   | s COVER, VOLUME, 6MOLD<br>(RV501(1), RV601(1)) |
| 3pcs                | 4-042-408-02   | o PIN(45), WIRE (LP501, 502, 503)              |
| C701                | 1-104-993-91   | s CAP, PETP FILM 0.01MF                        |
| C702                | 1-137-399-91   | s CAP, PETP FILM 0.1MF                         |
| CN701               | 1-766-243-11   | o PIN, CONNECTOR (PC BOARD) 5P                 |
| CN702               | 1-564-513-11   | o PLUG, CONNECTOR 10P                          |
| CN703               | 1-508-766-13   | o PIN, CONNECTOR (5MM PITCH) 4P                |
| D702                | 8-719-936-85   | s DIODE RGP10G-6038E3/23                       |
| NEL701              | 1-517-778-21   | s LAMP, NEON                                   |
| NEL702              | 1-517-778-21   | s LAMP, NEON                                   |
| R701                | 1-215-437-91   | s RES, METAL FILM (SMALL TYPE) 4.7K            |
| R702                | 1-215-437-91   | s RES, METAL FILM (SMALL TYPE) 4.7K            |
| R703                | 1-215-425-91   | s RES, METAL FILM (SMALL TYPE) 1.5K            |
| R704                | 1-215-437-91   | s RES, METAL FILM (SMALL TYPE) 4.7K            |
| R705                | 1-215-437-91   | s RES, METAL FILM (SMALL TYPE) 4.7K            |
| R706                | 1-215-425-91   | s RES, METAL FILM (SMALL TYPE) 1.5K            |
| R707                | 1-249-404-91   | s RES, CARBON (SMALL) 82                       |
| R708                | 1-215-493-91   | s RES, METAL FILM (SMALL TYPE) 1.0M            |
| T701                | △ 1-453-475-11 | s FBT ASSY, R/P (WITH ANODE CAP)               |

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PC BOARD (BVM-A24)  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                                 |
|---------------------|--------------|--|
| 1pc                 | A-1134-020-A | s MOUNTED CIRCUIT BOARD, PC                    |
| 2pcs                | 3-710-578-01 | s COVER, VOLUME, 6MOLD<br>(RV501(1), RV601(1)) |
| 3pcs                | 4-042-408-02 | o PIN(45), WIRE (LP501, 502, 503)              |
| C501                | 1-107-882-91 | s CAP, ELECT 100MF                             |
| C502                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C503                | 1-107-906-91 | s CAP, ELECT 10MF                              |
| C504                | 1-164-739-91 | s CAP, CERAMIC 560PF CH (1608                  |
| C505                | 1-107-882-91 | s CAP, ELECT 100MF                             |
| C506                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C507                | 1-162-964-91 | s CAP, CHIP CERAMIC 1000PF B 1608              |
| C508                | 1-164-315-91 | s CAP, CERAMIC 470PF CH (1608                  |
| C509                | 1-107-905-91 | s CAP, ELECT 4.7MF                             |
| C510                | 1-162-923-91 | s CAP, CERAMIC 47PF CH 1608                    |
| C511                | 1-162-966-91 | s CAP, CERAMIC 2200PF B 1608                   |
| C512                | 1-162-964-91 | s CAP, CHIP CERAMIC 1000PF B 1608              |
| C514                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C515                | 1-137-369-91 | s CAP, PETP FILM 0.0068MF                      |
| C516                | 1-137-395-91 | s CAP, PETP FILM 0.022MF                       |
| C531                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C532                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C551                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C552                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C553                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C601                | 1-107-882-91 | s CAP, ELECT 100MF                             |
| C602                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C603                | 1-107-906-91 | s CAP, ELECT 10MF                              |
| C604                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608                  |
| C605                | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B (2012                |
| C606                | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B (2012                |
| C607                | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B (2012                |
| C609                | 1-135-960-91 | s CAP, CHIP CERAMIC 10MF B (3225               |
| C611                | 1-100-566-91 | s CAP, CHIP CERAMIC 0.1MF B 1608               |
| C621                | 1-107-492-91 | s CAP, ELECT 47MF                              |
| C651                | 1-107-909-91 | s CAP, ELECT 47MF                              |
| C652                | 1-107-905-91 | s CAP, ELECT 4.7MF                             |
| C653                | 1-107-696-91 | s CAP, ELECT 47MF                              |
| C654                | 1-162-970-91 | s CAP, CERAMIC 10000PF B 1608                  |
| C655                | 1-127-573-91 | s CAP, CHIP CERAMIC 1MF B (2012                |
| C691                | 1-128-526-91 | s CAP, ELECT 100MF                             |
| C692                | 1-107-882-91 | s CAP, ELECT 100MF                             |
| C693                | 1-107-882-91 | s CAP, ELECT 100MF                             |
| C701                | 1-104-993-91 | s CAP, PETP FILM 0.01MF                        |
| C702                | 1-137-399-91 | s CAP, PETP FILM 0.1MF                         |
| CN701               | 1-766-243-11 | o PIN, CONNECTOR (PC BOARD) 5P                 |
| CN702               | 1-766-242-11 | o PIN, CONNECTOR (PC BOARD) 4P                 |
| CN703               | 1-508-766-13 | o PIN, CONNECTOR (5MM PITCH) 4P                |
| D501                | 8-719-404-50 | s DIODE MA111-TX                               |
| D502                | 8-719-404-50 | s DIODE MA111-TX                               |
| D504                | 8-719-036-88 | s DIODE RD4.7SB1-T1                            |
| D505                | 8-719-036-94 | s DIODE RD5.6SB-T1                             |
| D506                | 8-719-404-50 | s DIODE MA111-TX                               |
| D507                | 8-719-404-50 | s DIODE MA111-TX                               |
| D508                | 8-719-404-50 | s DIODE MA111-TX                               |
| D509                | 8-719-037-22 | s DIODE RD12SB-T1                              |
| D510                | 8-719-404-50 | s DIODE MA111-TX                               |
| D601                | 8-759-300-59 | s DIODE HZT33-02TA                             |
| D602                | 8-719-404-50 | s DIODE MA111-TX                               |
| D603                | 8-719-404-50 | s DIODE MA111-TX                               |
| D604                | 8-719-404-50 | s DIODE MA111-TX                               |
| D605                | 8-719-036-70 | s DIODE RD2.7SB2-T1                            |

## PC BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| D608                | 8-719-404-50 | DIODE MA111-TX                |
| D609                | 8-719-036-88 | DIODE RD4.7SB1-T1             |
| D651                | 8-759-300-59 | DIODE HZT33-02TA              |
| D652                | 8-719-404-50 | DIODE MA111-TX                |
| D653                | 8-719-404-50 | DIODE MA111-TX                |
| D654                | 8-719-036-74 | DIODE RD3.3SB-T1              |
| D655                | 8-719-404-50 | DIODE MA111-TX                |
| D656                | 8-719-404-50 | DIODE MA111-TX                |
| D657                | 8-719-036-65 | DIODE RD2.0SB-T1              |
| D659                | 8-719-036-88 | DIODE RD4.7SB1-T1             |
| D660                | 8-719-404-50 | DIODE MA111-TX                |
| D702                | 8-719-936-85 | DIODE RGP10G-6038E3/23        |
| IC501               | 8-759-663-28 | IC BA9758AFS-E2               |
| IC502               | 8-759-157-42 | IC TL082CPS-E20               |
| IC601               | 8-759-276-28 | IC LM393PS-E20                |
| IC691               | 8-759-701-79 | IC NJM7812FA                  |
| L601                | 1-412-529-41 | MICRO INDUCTOR 22UH           |
| NEL701              | 1-517-778-21 | LAMP, NEON                    |
| NEL702              | 1-517-778-21 | LAMP, NEON                    |
| Q501                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR   |
| Q502                | 8-729-824-24 | TRANSISTOR 2SA1338-5-TB-E     |
| Q503                | 8-729-019-85 | TRANSISTOR 2SC3392-5-TB-E     |
| Q504                | 8-729-905-38 | TRANSISTOR 2SC4081T106R       |
| Q505                | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR   |
| Q601                | 8-729-028-73 | TRANSISTOR DTA114EUA-T106     |
| Q602                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| Q603                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| Q651                | 8-729-028-73 | TRANSISTOR DTA114EUA-T106     |
| Q652                | 8-729-029-14 | TRANSISTOR DTC144EUA-T106     |
| R501                | 1-216-837-91 | RES, CHIP 22K 1608            |
| R502                | 1-218-895-91 | RES, CHIP 100K 1608           |
| R503                | 1-216-830-91 | RES, CHIP 5.6K 1608           |
| R504                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R505                | 1-216-829-91 | RES, CHIP 4.7K 1608           |
| R506                | 1-216-829-91 | RES, CHIP 4.7K 1608           |
| R507                | 1-216-829-91 | RES, CHIP 4.7K 1608           |
| R508                | 1-216-841-81 | RES, CHIP 47K 1608            |
| R509                | 1-216-841-81 | RES, CHIP 47K 1608            |
| R510                | 1-216-841-81 | RES, CHIP 47K 1608            |
| R511                | 1-216-809-91 | RES, CHIP 100 1608            |
| R512                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R513                | 1-218-883-91 | RES, CHIP 33K 1608            |
| R514                | 1-218-875-91 | RES, CHIP 15K 1608            |
| R515                | 1-218-867-91 | RES, CHIP 6.8K 1608           |
| R516                | 1-216-833-91 | RES, CHIP 10K 1608            |
| R517                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R518                | 1-219-753-91 | RESISTOR SURGE RESISTANT 220K |
| R519                | 1-219-748-91 | RESISTOR SURGE RESISTANT 4.7K |
| R520                | 1-216-845-91 | RES, CHIP 100K 1608           |
| R521                | 1-216-809-91 | RES, CHIP 100 1608            |
| R531                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R532                | 1-216-817-91 | RES, CHIP 470 1608            |
| R533                | 1-216-809-91 | RES, CHIP 100 1608            |
| R534                | 1-216-821-91 | RES, CHIP 1.0K 1608           |
| R535                | 1-216-817-91 | RES, CHIP 470 1608            |
| R536                | 1-216-809-91 | RES, CHIP 100 1608            |
| R551                | 1-216-809-91 | RES, CHIP 100 1608            |

## PC BOARD BVM-A24

| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| R552                | 1-216-845-91   | RES, CHIP 100K 1608             |
| R553                | 1-216-809-91   | RES, CHIP 100 1608              |
| R601                | 1-215-902-71   | RES, METAL OXIDE FILM 47K       |
| R603                | 1-218-912-91   | RES, CHIP 510K 1608             |
| R604                | △ 1-218-912-91 | RES, CHIP 510K 1608             |
| R605                | 1-216-864-91   | CONDUCTOR, CHIP 1608            |
| R606                | △ 1-218-890-91 | RES, CHIP 62K 1608              |
| R607                | △ 1-218-858-91 | RES, CHIP 3.0K 1608             |
| R608                | 1-216-837-91   | RES, CHIP 22K 1608              |
| R651                | 1-215-902-71   | RES, METAL OXIDE FILM 47K       |
| R652                | 1-218-888-91   | RES, CHIP 51K 1608              |
| R653                | 1-218-887-91   | RES, CHIP 47K 1608              |
| R654                | 1-218-879-91   | RES, CHIP 22K 1608              |
| R655                | 1-218-890-91   | RES, CHIP 62K 1608              |
| R656                | 1-218-879-91   | RES, CHIP 22K 1608              |
| R657                | 1-216-837-91   | RES, CHIP 22K 1608              |
| R658                | 1-216-823-91   | RES, CHIP 1.5K 1608             |
| R691                | 1-249-392-91   | RES, CARBON SMALL 8.2           |
| R701                | 1-215-437-91   | RES, METAL FILM SMALL TYPE 4.7K |
| R702                | 1-215-437-91   | RES, METAL FILM SMALL TYPE 4.7K |
| R703                | 1-215-435-91   | RES, METAL FILM SMALL TYPE 3.9K |
| R704                | 1-215-444-91   | RES, METAL FILM SMALL TYPE 9.1K |
| R705                | 1-215-437-91   | RES, METAL FILM SMALL TYPE 4.7K |
| R706                | 1-215-427-91   | RES, METAL FILM SMALL TYPE 1.8K |
| R707                | 1-249-404-91   | RES, CARBON SMALL 82            |
| R708                | 1-215-493-91   | RES, METAL FILM SMALL TYPE 1.0M |
| R709                | 1-219-746-91   | RESISTOR SURGE RESISTANT 1K     |
| R710                | 1-219-746-91   | RESISTOR SURGE RESISTANT 1K     |
| R782                | 1-218-897-91   | RES, CHIP 120K 1608             |
| RV501               | ✖ 1-228-991-11 | RES, ADJ, METAL GLAZE 2.2K      |
| RV601               | ✖ 1-228-994-11 | RES, ADJ, METAL GLAZE 10K       |
| SG001               | 1-519-422-21   | GAP, SPARK                      |
| SG002               | 1-519-422-21   | GAP, SPARK                      |
| T701                | △ 1-453-474-11 | FBT ASSY, R/P WITH ANODE CAP    |

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TA BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-1091-232-A | 8 MOUNTED CIRCUIT BOARD, TA      |
| CN101               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN102               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN103               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN104               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN105               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN108               | 1-564-506-51 | o PLUG, CONNECTOR 3P             |
| CN109               | 1-564-505-11 | s PLUG, CONNECTOR 2P             |
| CN110               | 1-564-704-11 | s PIN, CONNECTOR SMALL TYPE 2P   |
| CN112               | 1-566-549-11 | s CONNECTOR 34P                  |
| CN114               | 1-564-508-81 | o PLUG, CONNECTOR 5P             |

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TA BOARD BVM-A24  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-1091-180-A | 8 MOUNTED CIRCUIT BOARD, TA      |
| CN101               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN102               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN103               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN104               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN105               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN109               | 1-564-505-11 | 8 PLUG, CONNECTOR 2P             |
| CN110               | 1-564-704-11 | 8 PIN, CONNECTOR SMALL TYPE 2P   |
| CN111               | 1-564-506-51 | o PLUG, CONNECTOR 3P             |
| CN112               | 1-566-549-11 | 8 CONNECTOR 34P                  |
| CN114               | 1-564-508-81 | o PLUG, CONNECTOR 5P             |

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TB BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-1091-233-A | 8 MOUNTED CIRCUIT BOARD, TB      |
| CN201               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN202               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN205               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN206               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN207               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN208               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN209               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN210               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN211               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN212               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN213               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |

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TB BOARD BVM-A24  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-1091-181-A | 8 MOUNTED CIRCUIT BOARD, TB      |
| CN201               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN202               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN205               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN206               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN207               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN208               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN209               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN210               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN211               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN212               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |
| CN213               | 1-817-755-11 | o CONNECTOR, BOARD TO BOARD 100P |

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YA BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| 1pc                 | A-1091-224-A | ■ MOUNTED CIRCUIT BOARD, YA |
| CN1201              | 1-564-517-11 | ○ PLUG, CONNECTOR 2P        |
| D1201               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1202               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1203               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1204               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1205               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| R1201               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1202               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1203               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1204               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1205               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |

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YA BOARD BVM-A24  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| 1pc                 | A-1091-157-A | ■ MOUNTED CIRCUIT BOARD, YA |
| CN1201              | 1-564-517-11 | ○ PLUG, CONNECTOR 2P        |
| D1201               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1202               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1203               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1204               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1205               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1206               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1207               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1208               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| D1209               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |
| R1201               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1202               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1203               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1204               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1205               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1206               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1207               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1208               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |
| R1209               | 1-247-835-91 | ■ RES, CARBON SMALL 1.5K    |

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YB BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| 1pc                 | A-1091-225-A | ■ MOUNTED CIRCUIT BOARD, YB  |
| CN1301              | 1-566-759-11 | ○ PIN, CONNECTOR PC BOARD 4P |
| D1301               | 8-719-060-27 | ■ DIODE SLR-325MCT31         |
| D1302               | 8-719-053-43 | ■ DIODE SLR-325VCT31         |
| D1303               | 8-719-061-96 | ■ DIODE SLR-325DCT31         |

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YB BOARD BVM-A24  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| 1pc                 | A-1091-158-A | ■ MOUNTED CIRCUIT BOARD, YB |
| CN1301              | 1-564-519-11 | ○ PLUG, CONNECTOR 4P        |
| D1301               | 8-719-060-27 | ■ DIODE SLR-325MCT31        |
| D1302               | 8-719-053-43 | ■ DIODE SLR-325VCT31        |
| D1303               | 8-719-061-96 | ■ DIODE SLR-325DCT31        |

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YC BOARD BVM-A20  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| 1pc                 | A-1091-226-A | ■ MOUNTED CIRCUIT BOARD, YC    |
| CN1401              | 1-564-724-11 | ○ PIN, CONNECTOR SMALL TYPE 8P |
| CN1402              | 1-774-533-11 | ■ SOCKET, SMALL TYPE DIN 8P    |

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YC BOARD BVM-A24  
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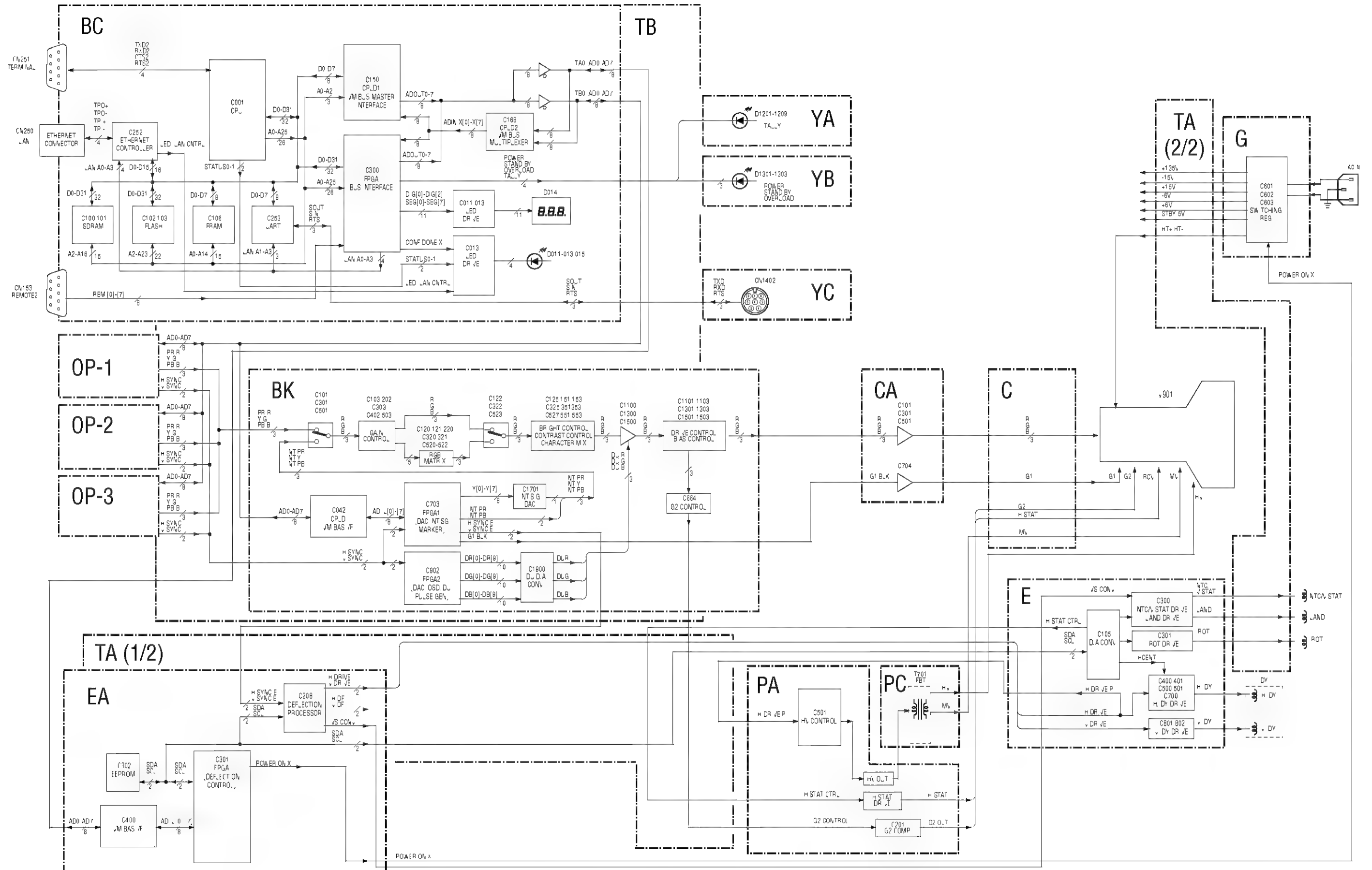
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|---------------------|--------------|--------------------------------|
| 1pc                 | A-1091-159-A | ■ MOUNTED CIRCUIT BOARD, YC    |
| CN1401              | 1-564-724-11 | ○ PIN, CONNECTOR SMALL TYPE 8P |
| CN1402              | 1-565-786-11 | ■ SOCKET, DIN SMALL TYPE 8P    |

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SUPPLIED ACCESSORIES  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                       |
|---------------------|--------------|--------------------------------------|
| 1pc                 | 2-666-112-02 | ■ OPERATION MANUAL JAPANESE, ENGLISH |
| 1pc                 | 2-990-242-01 | ■ HOLDER B, PLUG                     |
| 1pc                 | 4-051-484-01 | ■ LABEL, TALLY                       |
| 1pc                 | 1-534-827-14 | ■ CORD, POWER 125V, 10A U C          |
| 1pc                 | 1-783-481-42 | ■ CORD, POWER 250V, 10A CHINA        |

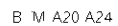


## Section 7 Block Diagrams

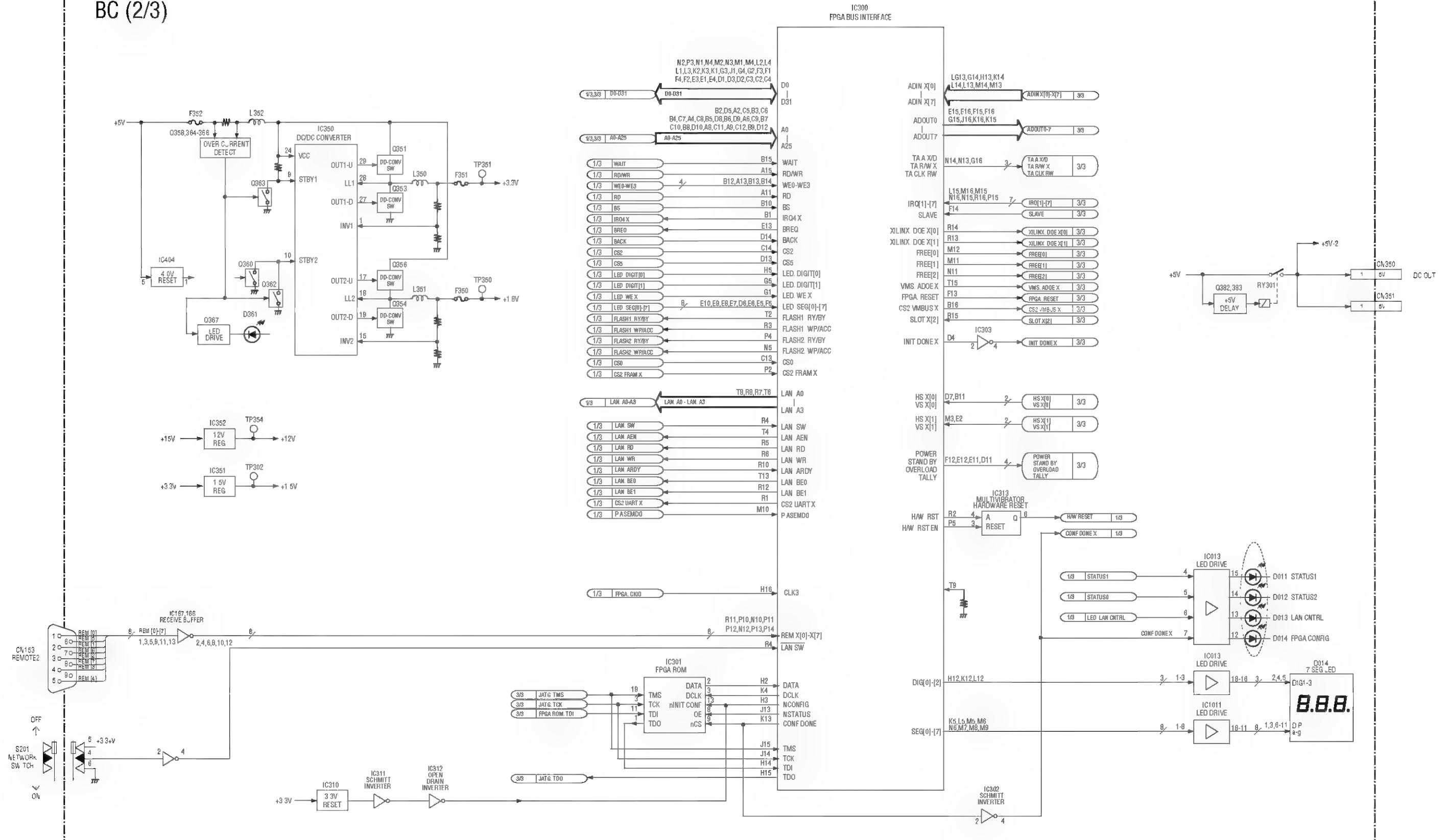


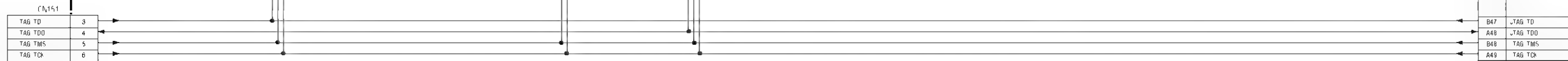




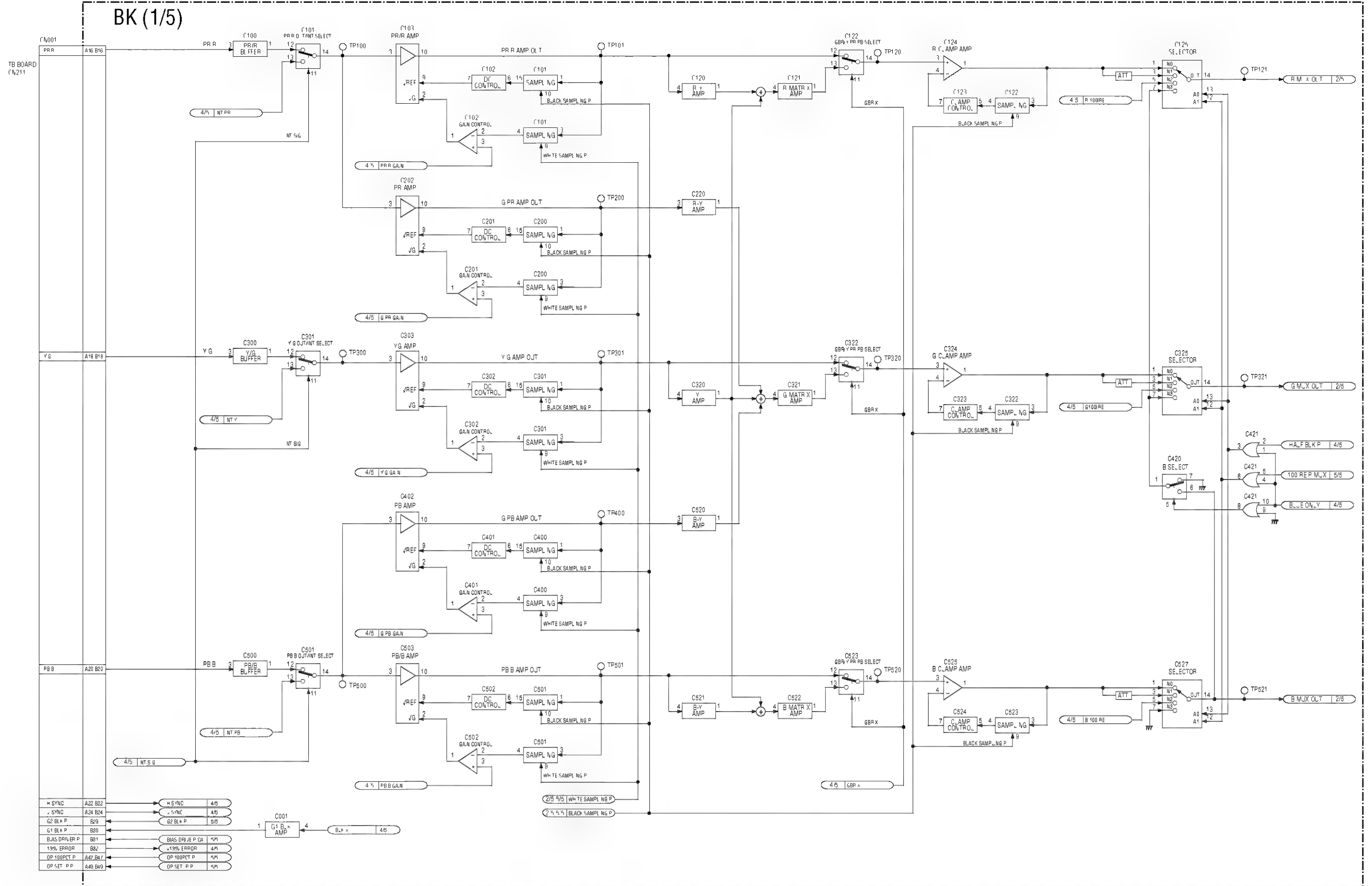


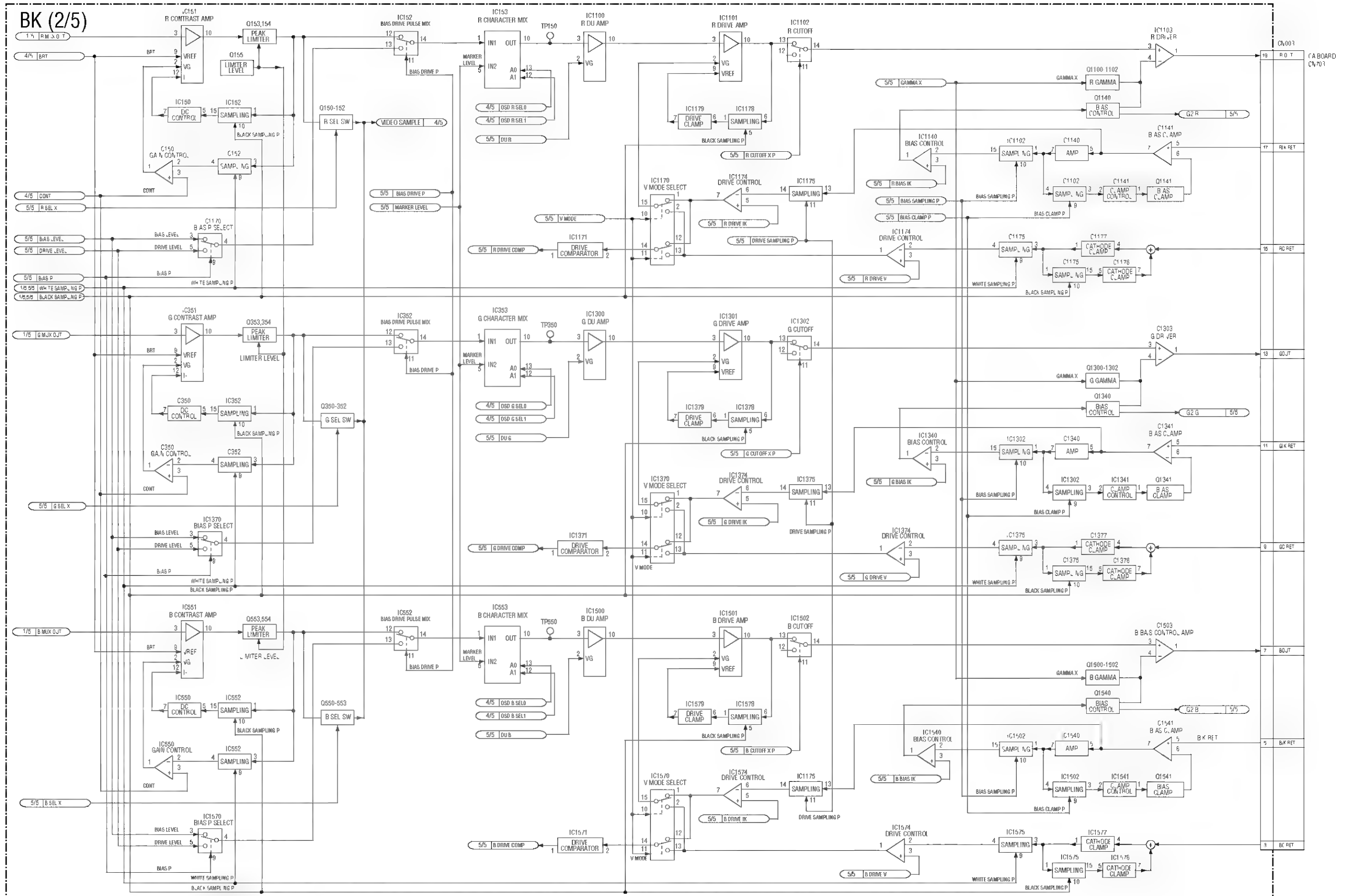
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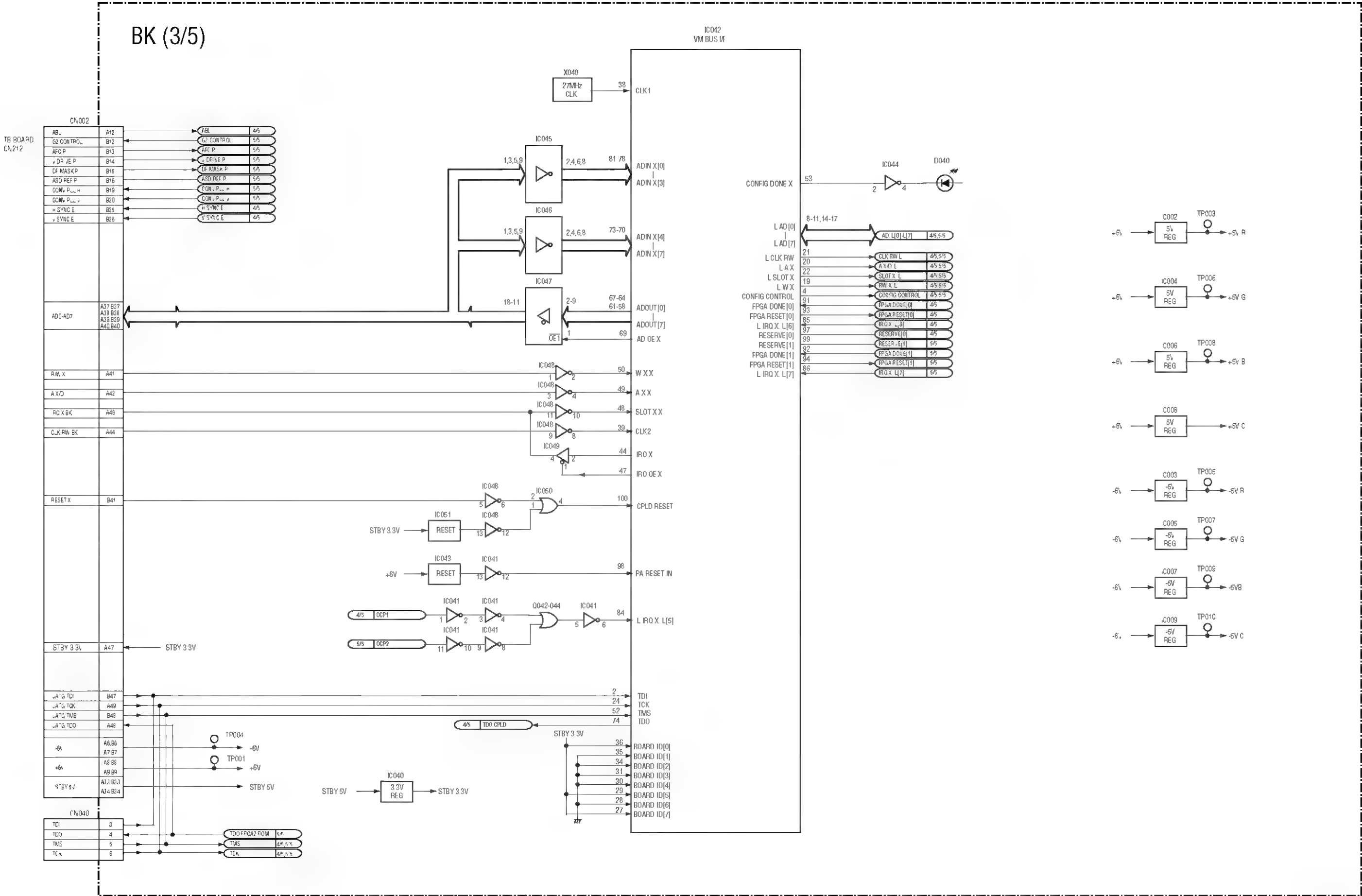




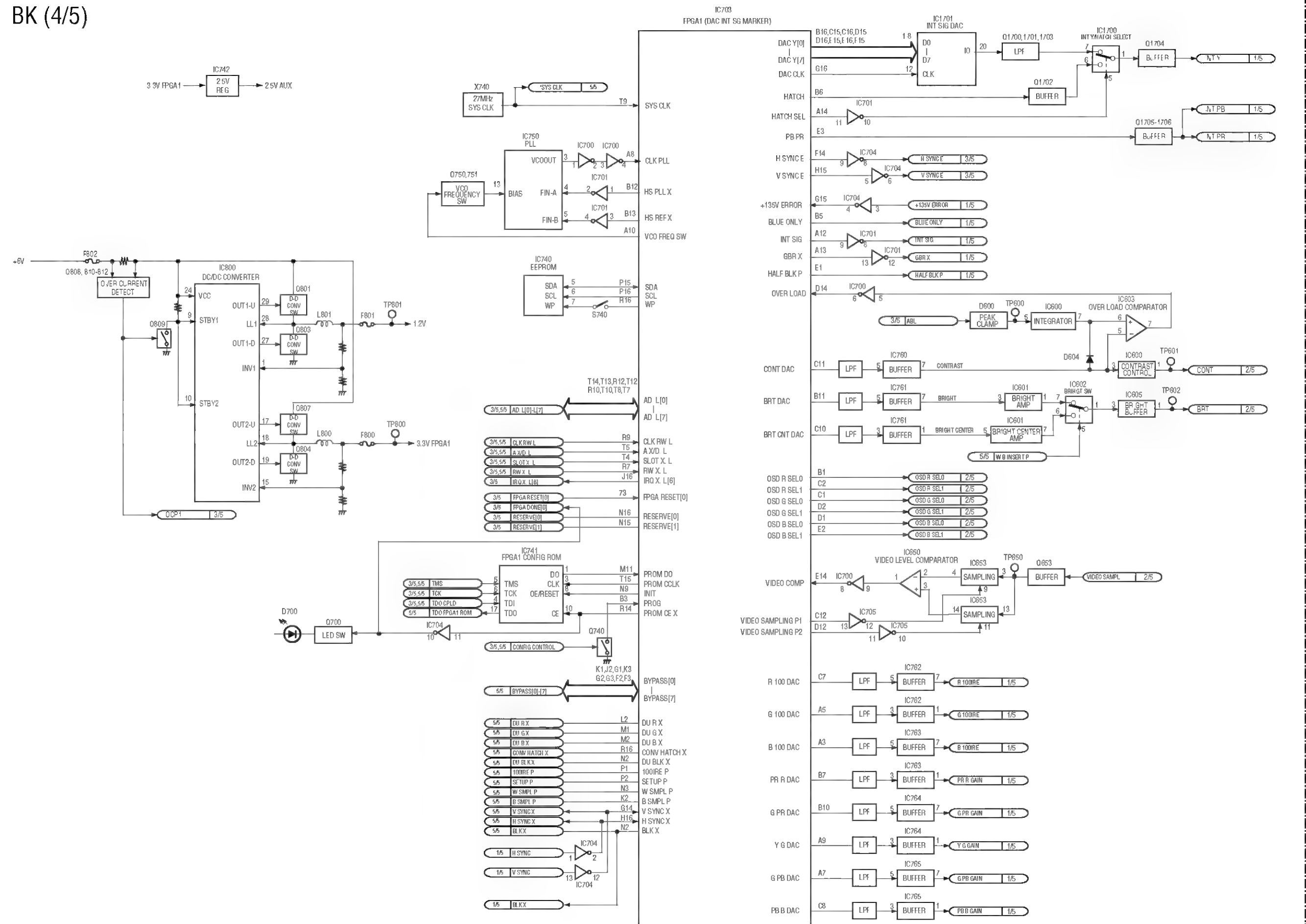
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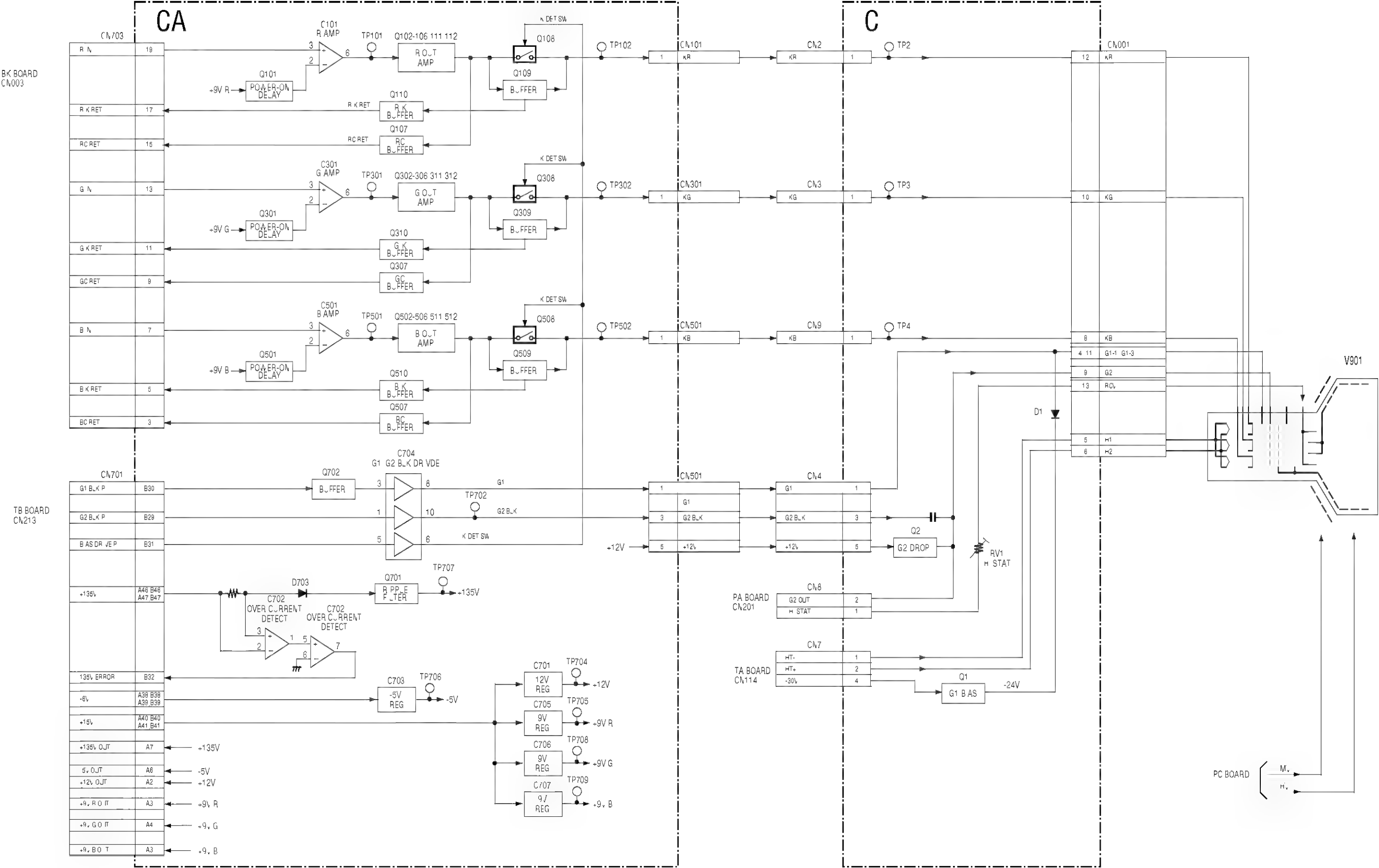


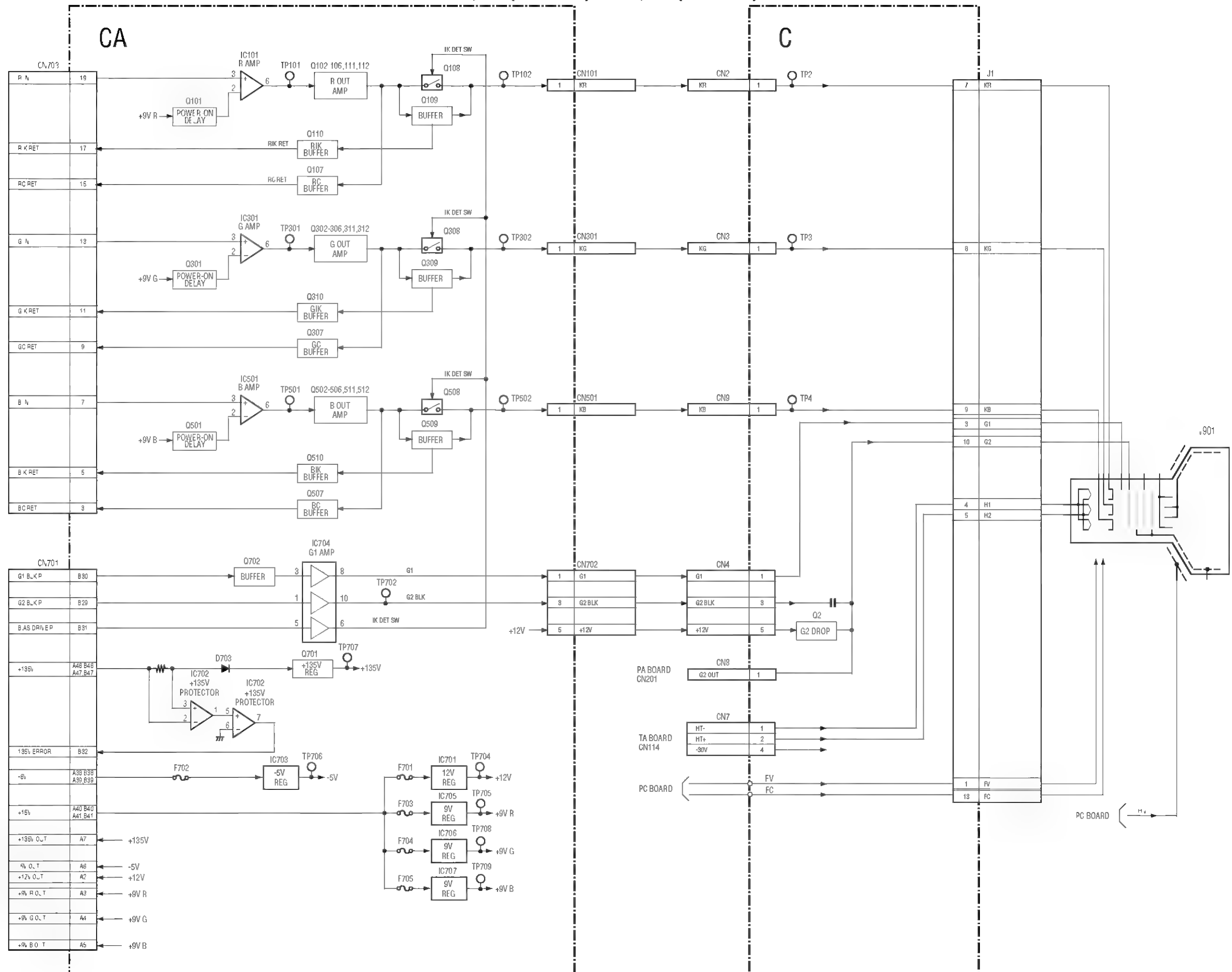
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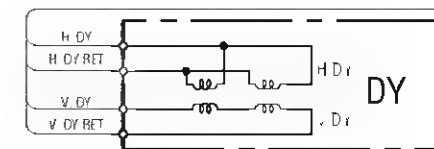


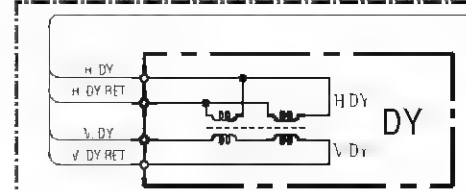


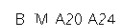




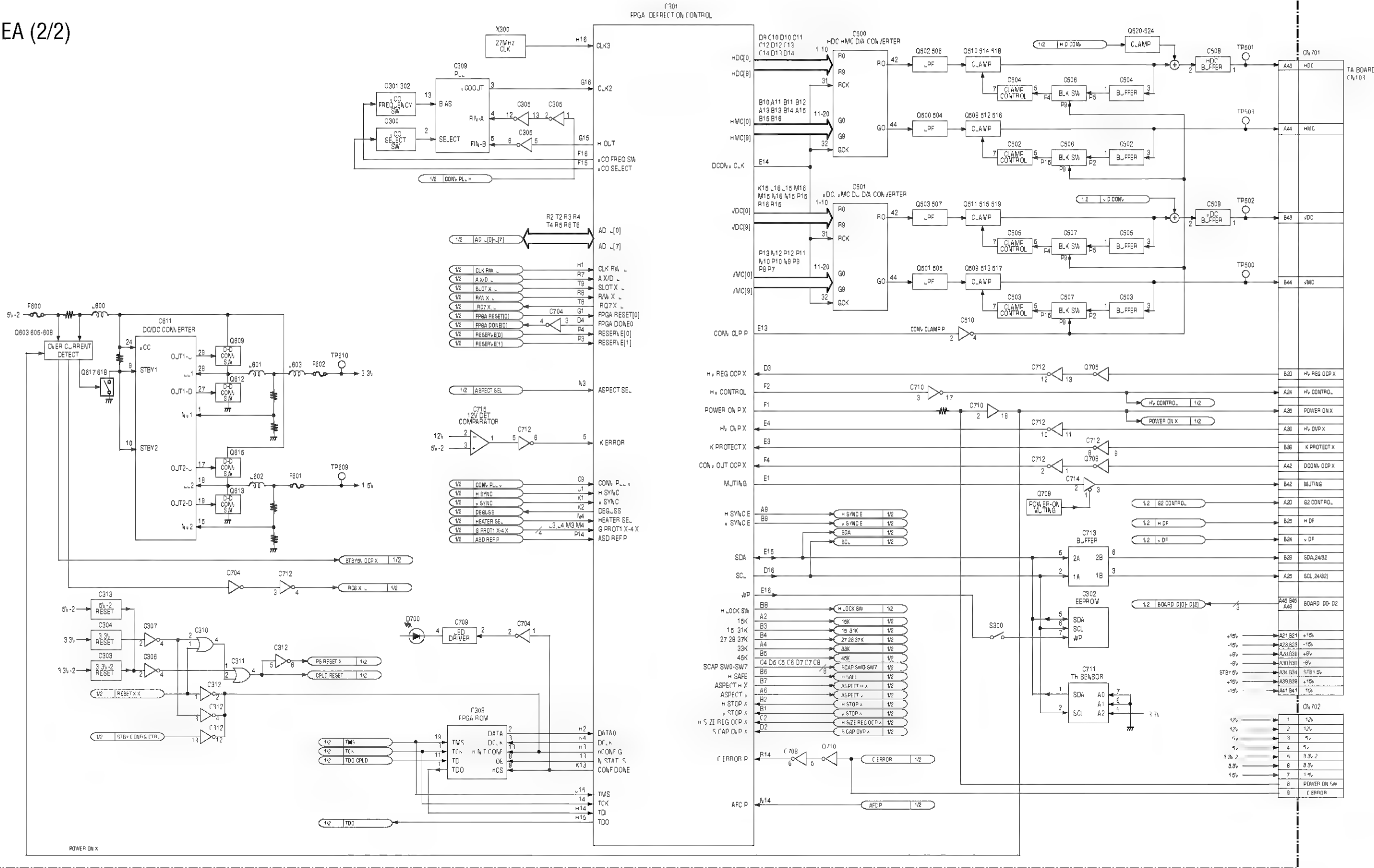
BK BOARD  
CN003TB BOARD  
CN213

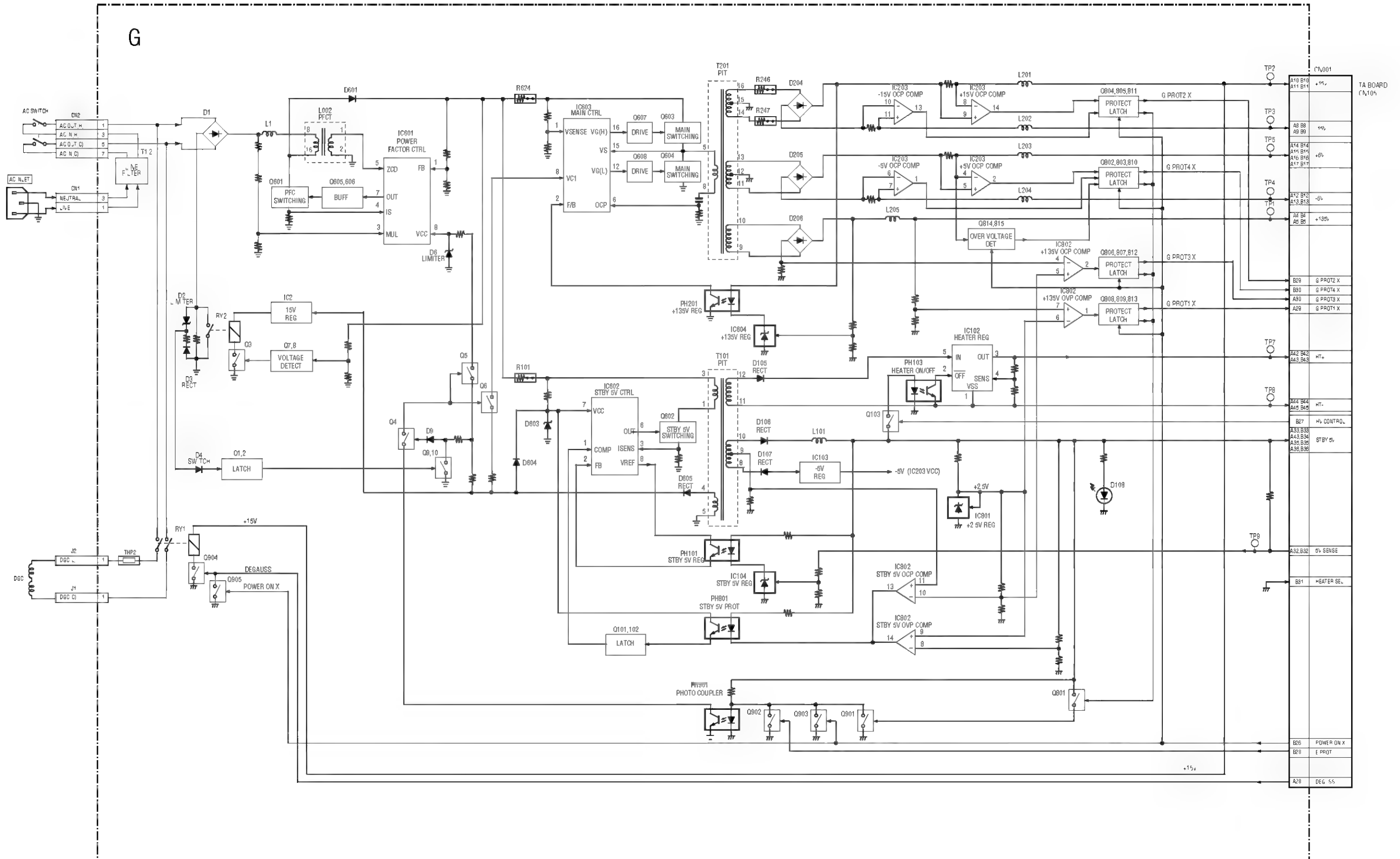


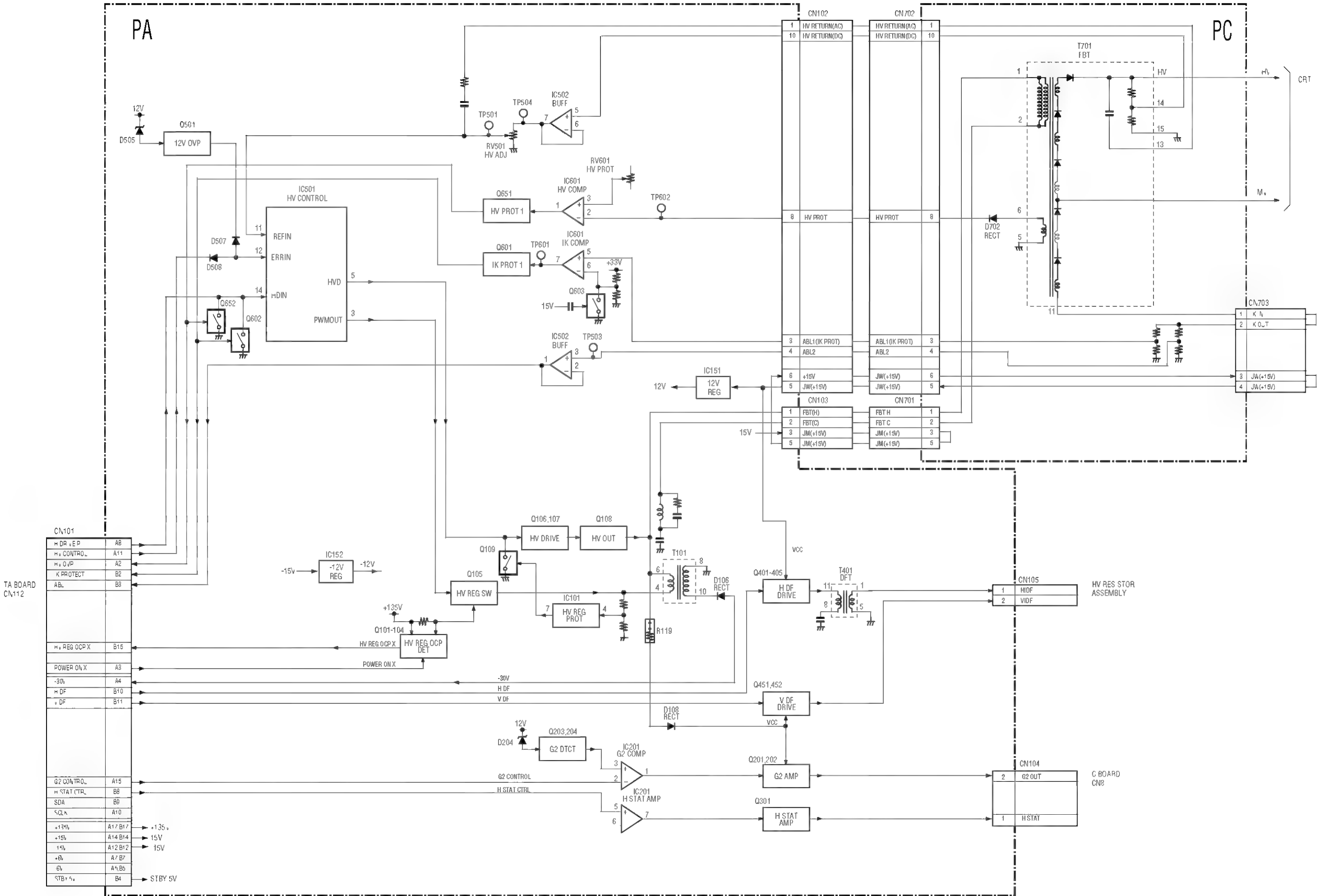




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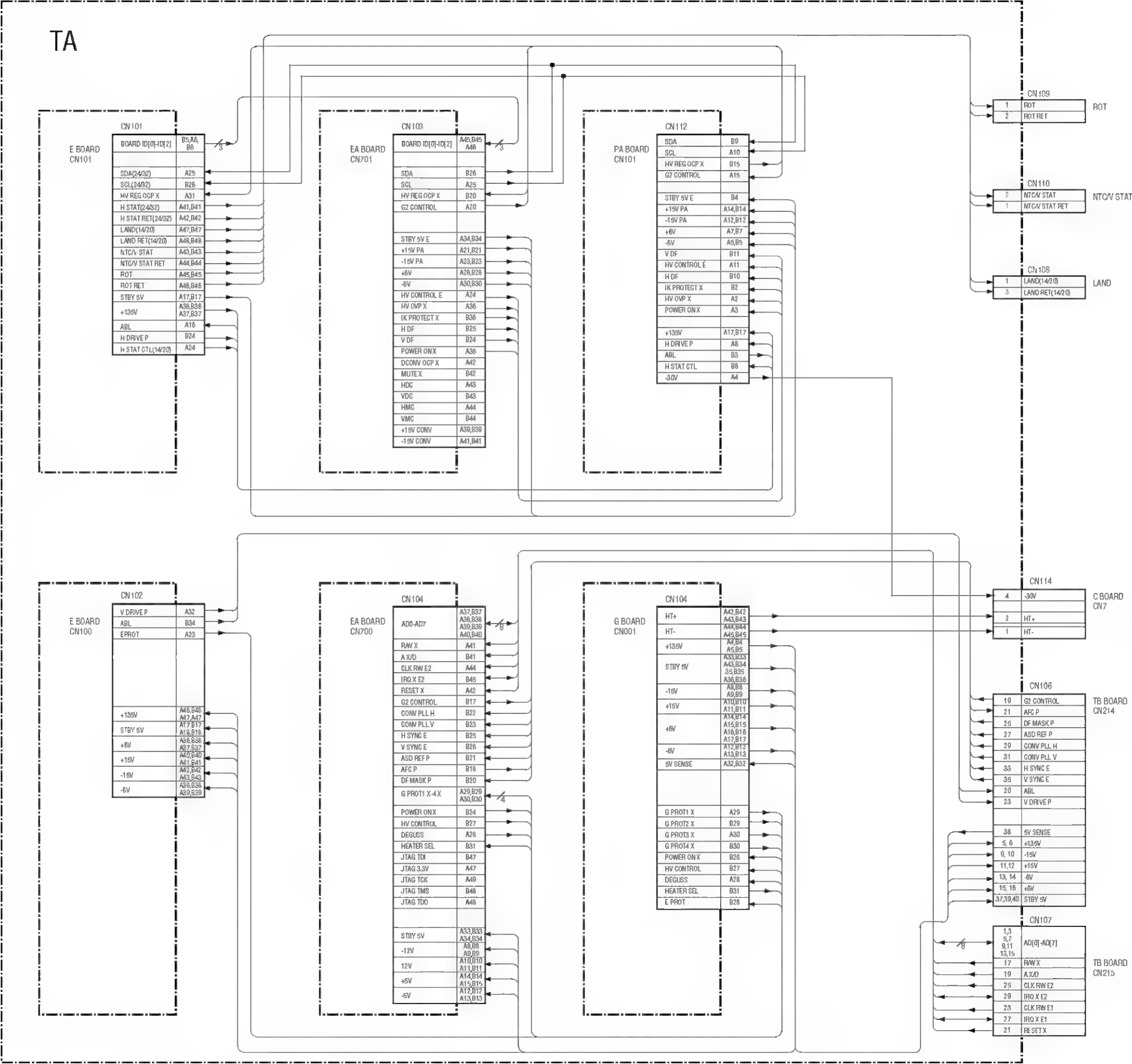




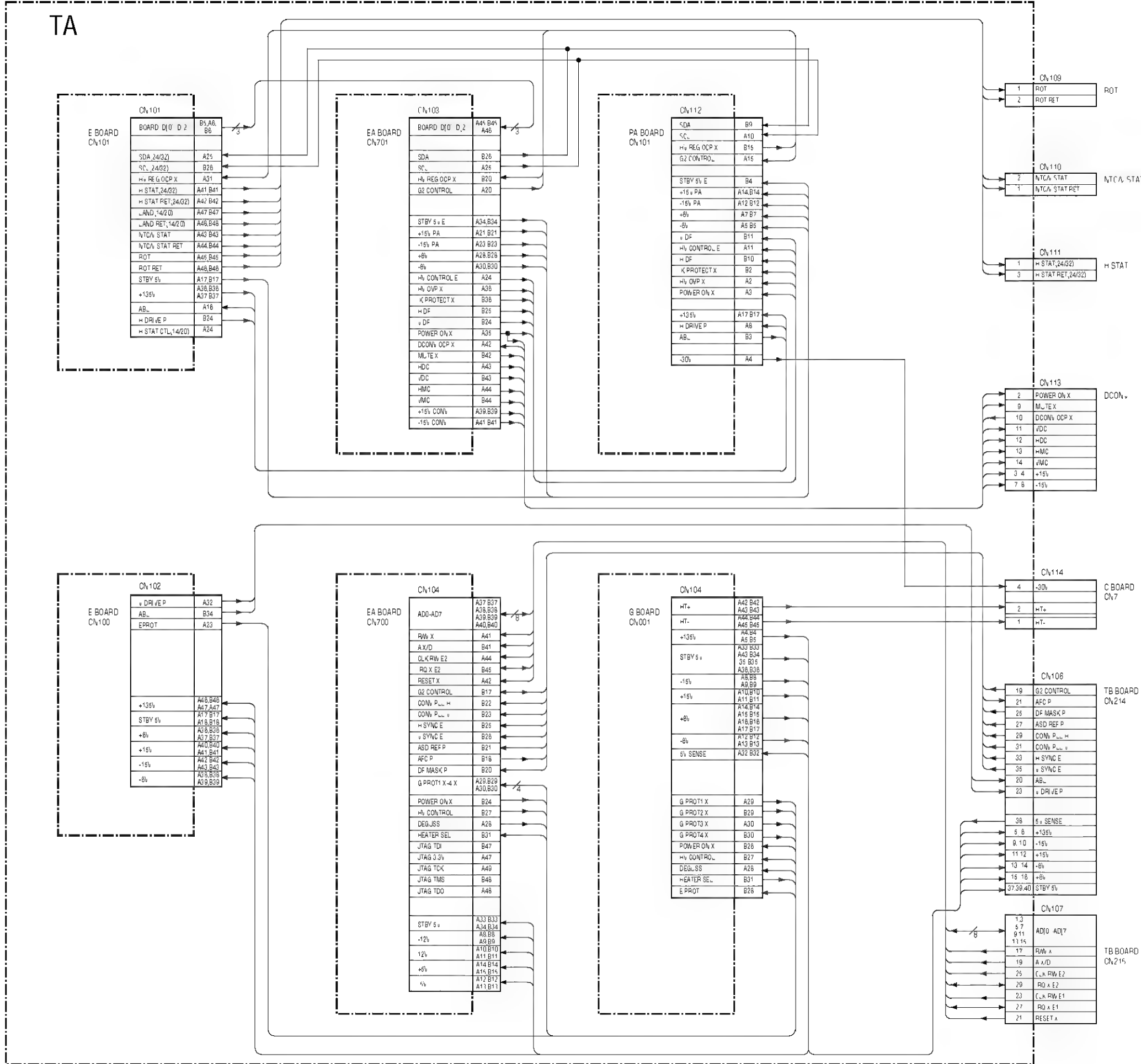


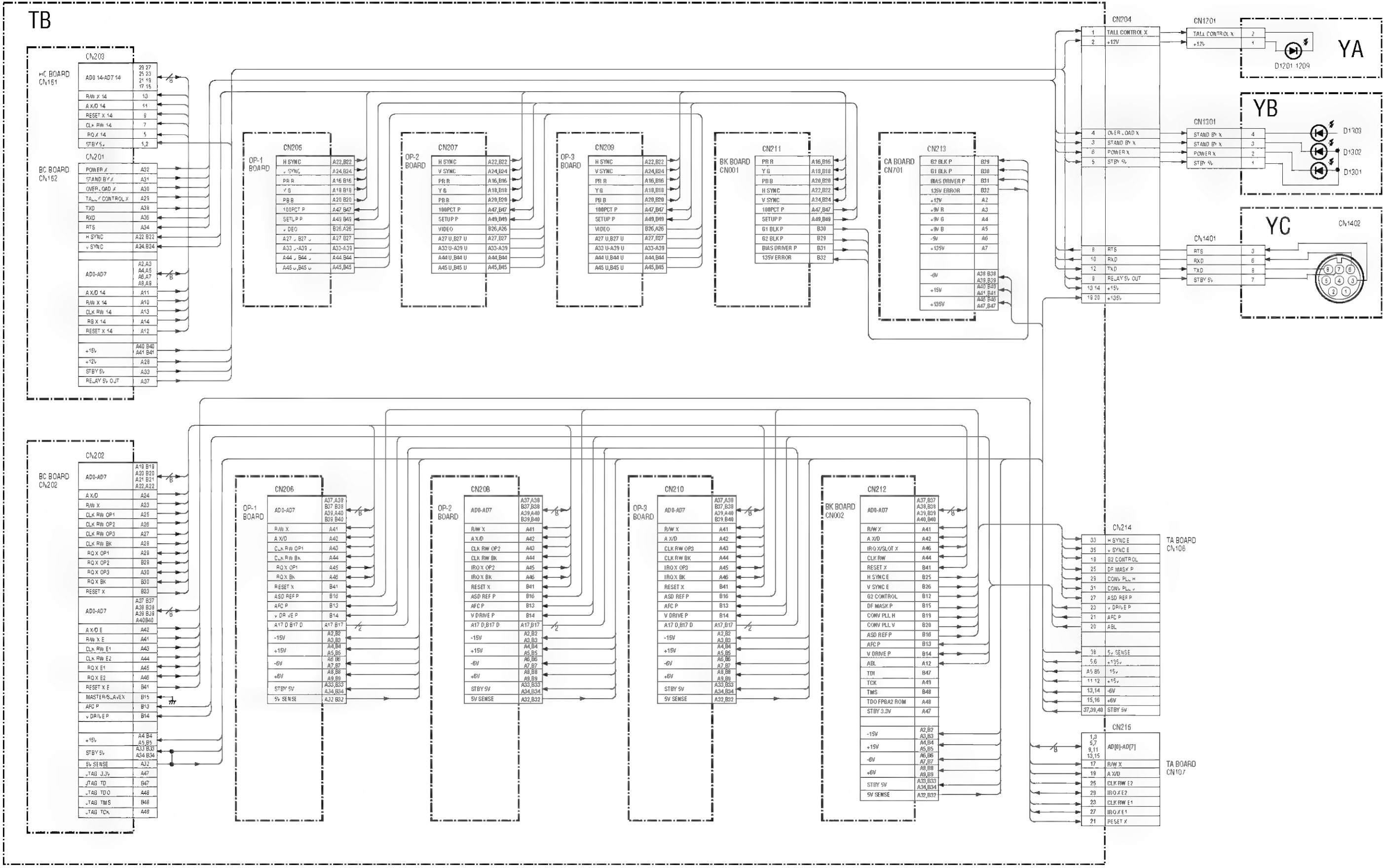






TA












Section 8

Schematic Diagrams

| Board Name | Function             | Page |
|------------|----------------------|------|
| BC         | MAIN CPU             | 8-6  |
| BK         | VIDEO PROCESSOR      | 8-13 |
| C          | R. G. B OUT          | 8-28 |
| CA         | R. G. B AMP          | 8-30 |
| E          | H/V OSC              | 8-31 |
| EA         | DEFLECTION PROCESSOR | 8-35 |
| G          | SWITCHING REGULATOR  | 8-40 |
| PA         | H/V CONTROL          | 8-42 |
| PC         | FLYBACK TRANSFORMER  | 8-45 |
| TA         | MOTHER BOARD         | 8-47 |
| TB         | MOTHER BOARD         | 8-49 |
| YA         | TALLY LED            | 8-51 |
| YB         | PANEL LED            | 8-51 |
| YC         | OPTION JACK          | 8-51 |


- The components marked  in this schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
- When replacing components marked  , make the necessary adjustments indicated. If results do not meet the specified value, change the component marked  and repeat the adjustment until the specified value is achieved.
- When replacing a part shown in the table below, be sure to perform the related adjustment.




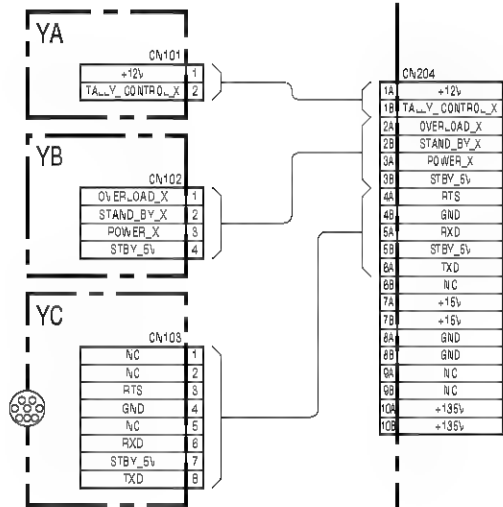
| BOARD NAME       | REF. NO.  |
|------------------|---|
| BK               | IC009, R604, R605   |
| G                | IC604   |
| PA (For 20 inch) | D601, D608, D609, D651, D652, D659, D660, IC501, IC502, IC601, Q601, Q602, Q651, Q652, R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, R602, R603, R604, R605, R606, R607, R652, R653, R654, R655, R656   |
| PC (For 20 inch) | D702, R701, R702, R703, R704, R705, R706, R707, T701  |
| PC (For 24 inch) | D601, D608, D609, D651, D652, D659, D660, D702, IC501, IC502, IC601, Q601, Q602, Q651, Q652, R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, R603, R604, R605, R606, R607, R652, R653, R654, R655, R656 R701, R702, R703, R704, R705 R706, R707, R782 |



| BOARD NAME       | REF. NO.     |
|------------------|--------------|
| PA (For 20 inch) | RV501, RV601 |
| PC (For 24 inch) | RV501, RV601 |

The components identified marked  are critical for safety.  
Replace only with the part number specified.

Les composants identifiés par la marque  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.



| TO BC BOARD<br>(N201) |        |    |
|-----------------------|--------|----|
| B                     | A      |    |
| 1                     | GND    | 1  |
| 2                     | D GND  | 2  |
| 3                     | D GND  | 3  |
| 4                     | D GND  | 4  |
| 5                     | D GND  | 5  |
| 6                     | D GND  | 6  |
| 7                     | D GND  | 7  |
| 8                     | D GND  | 8  |
| 9                     | D GND  | 9  |
| 10                    | D GND  | 10 |
| 11                    | D GND  | 11 |
| 12                    | D GND  | 12 |
| 13                    | D GND  | 13 |
| 14                    | D GND  | 14 |
| 15                    | NC     | 15 |
| 16                    | NC     | 16 |
| 17                    | NC     | 17 |
| 18                    | NC     | 18 |
| 19                    | NC     | 19 |
| 20                    | NC     | 20 |
| 21                    | GND    | 21 |
| 22                    | H_SYNC | 22 |
| 23                    | GND    | 23 |
| 24                    | V_SYNC | 24 |
| 25                    | GND    | 25 |
| 26                    | I/DEO  | 26 |
| 27                    | B27_   | 27 |
| 28                    | NC     | 28 |
| 29                    | NC     | 29 |
| 30                    | NC     | 30 |
| 31                    | NC     | 31 |
| 32                    | NC     | 32 |
| 33                    | NC     | 33 |
| 34                    | NC     | 34 |
| 35                    | NC     | 35 |
| 36                    | NC     | 36 |
| 37                    | NC     | 37 |
| 38                    | NC     | 38 |
| 39                    | NC     | 39 |
| 40                    | +15V   | 40 |
| 41                    | +15V   | 41 |
| 42                    | GND    | 42 |
| 43                    | GND    | 43 |
| 44                    | B44_   | 44 |
| 45                    | B45_   | 45 |
| 46                    | GND    | 46 |
| 47                    | NC     | 47 |
| 48                    | GND    | 48 |
| 49                    | NC     | 49 |
| 50                    | GND    | 50 |

| OPT ON BOARD 1 3<br>(N205, N207, N209) |          |    |
|--|----------|----|
| B                                      | A        |    |
| 1                                      | GND      | 1  |
| 2                                      | NC       | 2  |
| 3                                      | NC       | 3  |
| 4                                      | NC       | 4  |
| 5                                      | NC       | 5  |
| 6                                      | NC       | 6  |
| 7                                      | NC       | 7  |
| 8                                      | NC       | 8  |
| 9                                      | NC       | 9  |
| 10                                     | NC       | 10 |
| 11                                     | NC       | 11 |
| 12                                     | NC       | 12 |
| 13                                     | NC       | 13 |
| 14                                     | NC       | 14 |
| 15                                     | GND      | 15 |
| 16                                     | PR_R     | 16 |
| 17                                     | GND      | 17 |
| 18                                     | Y_G      | 18 |
| 19                                     | GND      | 19 |
| 20                                     | PB_B     | 20 |
| 21                                     | GND      | 21 |
| 22                                     | H_SYNC   | 22 |
| 23                                     | GND      | 23 |
| 24                                     | V_SYNC   | 24 |
| 25                                     | GND      | 25 |
| 26                                     | I/DEO    | 26 |
| 27                                     | B27_     | 27 |
| 28                                     | NC       | 28 |
| 29                                     | NC       | 29 |
| 30                                     | NC       | 30 |
| 31                                     | NC       | 31 |
| 32                                     | NC       | 32 |
| 33                                     | B33_     | 33 |
| 34                                     | NC       | 34 |
| 35                                     | NC       | 35 |
| 36                                     | NC       | 36 |
| 37                                     | NC       | 37 |
| 38                                     | NC       | 38 |
| 39                                     | NC       | 39 |
| 40                                     | NC       | 40 |
| 41                                     | NC       | 41 |
| 42                                     | GND      | 42 |
| 43                                     | GND      | 43 |
| 44                                     | B44_     | 44 |
| 45                                     | B45_     | 45 |
| 46                                     | GND      | 46 |
| 47                                     | 100PCT_P | 47 |
| 48                                     | GND      | 48 |
| 49                                     | SETUP_P  | 49 |
| 50                                     | GND      | 50 |

| TO B* BOARD<br>(N211) |             |    |
|-----------------------|-------------|----|
| B                     | A           |    |
| 1                     | GND         | 1  |
| 2                     | NC          | 2  |
| 3                     | NC          | 3  |
| 4                     | NC          | 4  |
| 5                     | NC          | 5  |
| 6                     | NC          | 6  |
| 7                     | NC          | 7  |
| 8                     | NC          | 8  |
| 9                     | NC          | 9  |
| 10                    | NC          | 10 |
| 11                    | NC          | 11 |
| 12                    | NC          | 12 |
| 13                    | NC          | 13 |
| 14                    | NC          | 14 |
| 15                    | GND         | 15 |
| 16                    | PR_R        | 16 |
| 17                    | GND         | 17 |
| 18                    | Y_G         | 18 |
| 19                    | GND         | 19 |
| 20                    | PB_B        | 20 |
| 21                    | GND         | 21 |
| 22                    | H_SYNC      | 22 |
| 23                    | GND         | 23 |
| 24                    | V_SYNC      | 24 |
| 25                    | GND         | 25 |
| 26                    | I/DEO       | 26 |
| 27                    | B27_        | 27 |
| 28                    | GND         | 28 |
| 29                    | G2_B_K_P    | 29 |
| 30                    | G1_B_K_P    | 30 |
| 31                    | BAS_DRIVE_P | 31 |
| 32                    | 135V_ERROR  | 32 |
| 33                    | B33_        | 33 |
| 34                    | NC          | 34 |
| 35                    | NC          | 35 |
| 36                    | NC          | 36 |
| 37                    | NC          | 37 |
| 38                    | NC          | 38 |
| 39                    | NC          | 39 |
| 40                    | NC          | 40 |
| 41                    | NC          | 41 |
| 42                    | GND         | 42 |
| 43                    | GND         | 43 |
| 44                    | B44_        | 44 |
| 45                    | B45_        | 45 |
| 46                    | GND         | 46 |
| 47                    | 100PCT_P    | 47 |
| 48                    | GND         | 48 |
| 49                    | SETUP_P     | 49 |
| 50                    | GND         | 50 |

| TO CA BOARD<br>(N213) |             |    |
|-----------------------|-------------|----|
| B                     | A           |    |
| 1                     | GND         | 1  |
| 2                     | NC          | 2  |
| 3                     | NC          | 3  |
| 4                     | NC          | 4  |
| 5                     | NC          | 5  |
| 6                     | NC          | 6  |
| 7                     | NC          | 7  |
| 8                     | NC          | 8  |
| 9                     | NC          | 9  |
| 10                    | NC          | 10 |
| 11                    | NC          | 11 |
| 12                    | NC          | 12 |
| 13                    | NC          | 13 |
| 14                    | NC          | 14 |
| 15                    | GND         | 15 |
| 16                    | PR_R        | 16 |
| 17                    | GND         | 17 |
| 18                    | Y_G         | 18 |
| 19                    | GND         | 19 |
| 20                    | PB_B        | 20 |
| 21                    | GND         | 21 |
| 22                    | H_SYNC      | 22 |
| 23                    | GND         | 23 |
| 24                    | V_SYNC      | 24 |
| 25                    | GND         | 25 |
| 26                    | I/DEO       | 26 |
| 27                    | B27_        | 27 |
| 28                    | GND         | 28 |
| 29                    | G2_B_K_P    | 29 |
| 30                    | G1_B_K_P    | 30 |
| 31                    | BAS_DRIVE_P | 31 |
| 32                    | 135V_ERROR  | 32 |
| 33                    | B33_        | 33 |
| 34                    | GND         | 34 |
| 35                    | GND         | 35 |
| 36                    | +6V         | 36 |
| 37                    | +6V         | 37 |
| 38                    | -6V         | 38 |
| 39                    | -6V         | 39 |
| 40                    | +15V        | 40 |
| 41                    | +15V        | 41 |
| 42                    | -15V        | 42 |
| 43                    | -15V        | 43 |
| 44                    | NC          | 44 |
| 45                    | NC          | 45 |
| 46                    | +135V       | 46 |
| 47                    | +135V       | 47 |
| 48                    | NC          | 48 |
| 49                    | NC          | 49 |
| 50                    | GND         | 50 |

| TO TA BOARD<br>(N214) |             |    |
|-----------------------|-------------|----|
| A                     | B           |    |
| 1                     | GND         | 1  |
| 2                     | NC          | 2  |
| 3                     | +15V        | 3  |
| 4                     | NC          | 4  |
| 5                     | +15V        | 5  |
| 6                     | +15V        | 6  |
| 7                     | -6V         | 7  |
| 8                     | +6V         | 8  |
| 9                     | GND         | 9  |
| 10                    | AB_         | 10 |
| 11                    | GND         | 11 |
| 12                    | GND         | 12 |
| 13                    | GND         | 13 |
| 14                    | GND         | 14 |
| 15                    | GND         | 15 |
| 16                    | PR_R        | 16 |
| 17                    | GND         | 17 |
| 18                    | Y_G         | 18 |
| 19                    | GND         | 19 |
| 20                    | PB_B        | 20 |
| 21                    | GND         | 21 |
| 22                    | H_SYNC      | 22 |
| 23                    | GND         | 23 |
| 24                    | V_SYNC      | 24 |
| 25                    | GND         | 25 |
| 26                    | I/DEO       | 26 |
| 27                    | B27_        | 27 |
| 28                    | GND         | 28 |
| 29                    | G2_B_K_P    | 29 |
| 30                    | G1_B_K_P    | 30 |
| 31                    | BAS_DRIVE_P | 31 |
| 32                    | 135V_ERROR  | 32 |
| 33                    | B33_        | 33 |
| 34                    | GND         | 34 |
| 35                    | GND         | 35 |
| 36                    | +6V         | 36 |
| 37                    | +6V         | 37 |
| 38                    | -6V         | 38 |
| 39                    | -6V         | 39 |
| 40                    | +15V        | 40 |
| 41                    | +15V        | 41 |
| 42                    | -15V        | 42 |
| 43                    | -15V        | 43 |
| 44                    | NC          | 44 |
| 45                    | NC          | 45 |
| 46                    | +135V       | 46 |
| 47                    | +135V       | 47 |
| 48                    | NC          | 48 |
| 49                    | NC          | 49 |
| 50                    | GND         | 50 |

| CN215 |           |    |
|-------|-----------|----|
| A     | B         |    |
| 1     | AD0       | 1  |
| 2     | AD1       | 2  |
| 3     | AD2       | 3  |
| 4     | AD3       | 4  |
| 5     | AD4       | 5  |
| 6     | AD5       | 6  |
| 7     | AD6       | 7  |
| 8     | AD7       | 8  |
| 9     | RAW_X     | 9  |
| 10    | A_X/D     | 10 |
| 11    | RESET_X   | 11 |
| 12    | CLK_RW_E1 | 12 |
| 13    | CLK_RW_E2 | 13 |
| 14    | RQ_X_E1   | 14 |
| 15    | RQ_X_E2   | 15 |

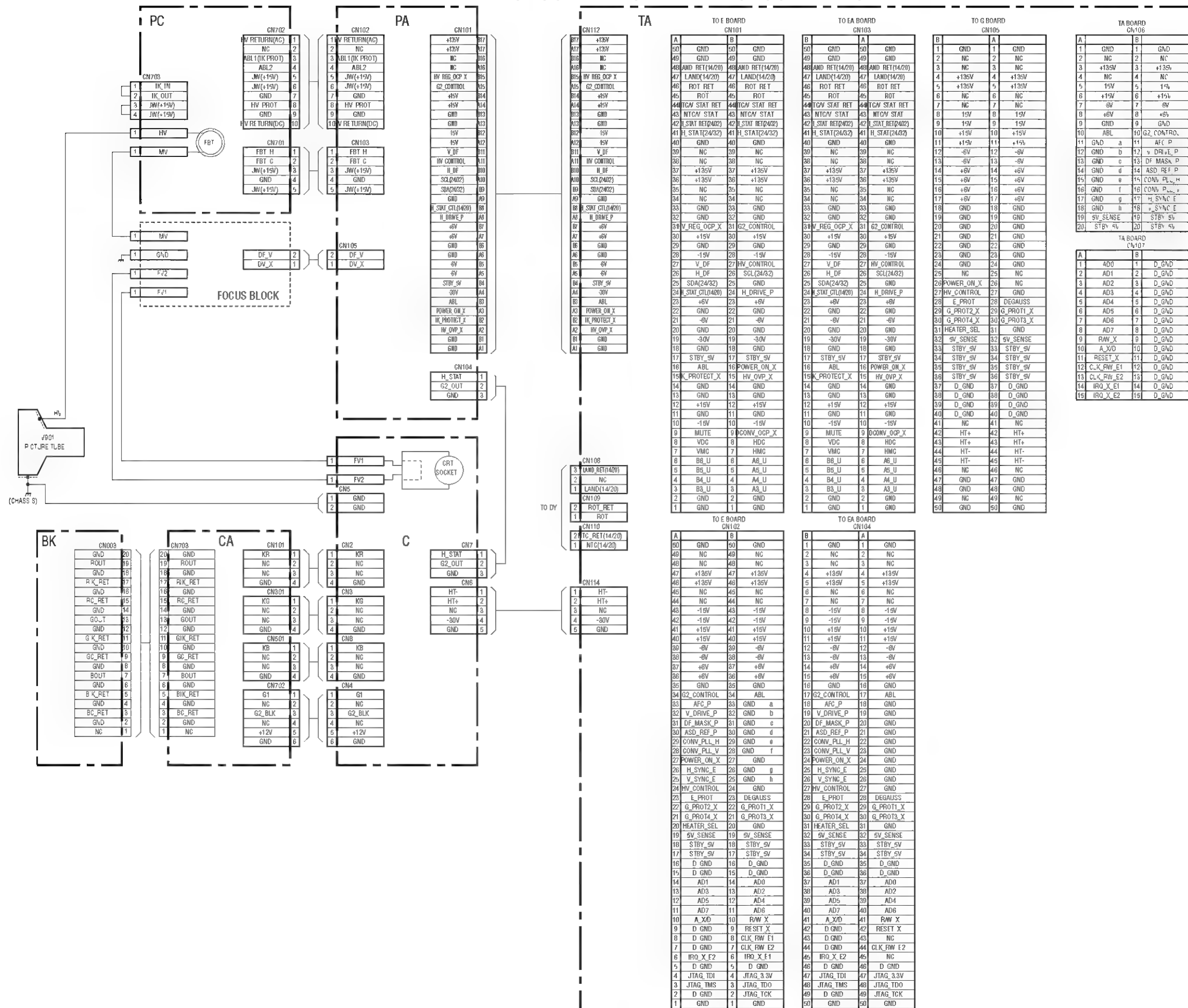
| CN202 |                 |    |
|-------|-----------------|----|
| B     | A               |    |
| 1     | GND             | 1  |
| 2     | -15V            | 2  |
| 3     | -15V            | 3  |
| 4     | +15V            | 4  |
| 5     | +15V            | 5  |
| 6     | -6V             | 6  |
| 7     | -6V             | 7  |
| 8     | +6V             | 8  |
| 9     | +6V             | 9  |
| 10    | GND             | 10 |
| 11    | GND             | 11 |
| 12    | NC              | 12 |
| 13    | AFC_P           | 13 |
| 14    | V_DRIVE_P       | 14 |
| 15    | MASTER/SLAVE/NC | 15 |
| 16    | NC              | 16 |
| 17    | B17_D           | 17 |
| 18    | D_GND           | 18 |
| 19    | AD2             | 19 |
| 20    | AD3             | 20 |
| 21    | AD6             | 21 |
| 22    | AD7             | 22 |
| 23    | RESET_X         | 23 |
| 24    | D_GND           | 24 |
| 25    | D_GND           | 25 |
| 26    | D_GND           | 26 |
| 27    | D_GND           | 27 |
| 28    | D_GND           | 28 |
| 29    | RQ_X_OP2        | 29 |
| 30    | RQ_X_BK         | 30 |
| 31    | D_GND           | 31 |
| 32    | SV_SENSE        | 32 |
| 33    | STBY_5V         | 33 |
| 34    | STBY_5V         | 34 |
| 35    | D_GND           | 35 |
| 36    | D_GND           | 36 |
| 37    | AD2             | 37 |
| 38    | AD3             | 38 |
| 39    | AD6             | 39 |
| 40    | AD7             | 40 |
| 41    | RESET_X         | 41 |
| 42    | D_GND           | 42 |
| 43    | CLK_RW_E1       | 43 |
| 44    | CLK_RW_E2       | 44 |
| 45    | D_GND           | 45 |
| 46    | D_GND           | 46 |
| 47    | TAG_TD          | 47 |
| 48    | TAG_TMS         | 48 |
| 49    | D_GND           | 49 |
| 50    | GND             | 50 |

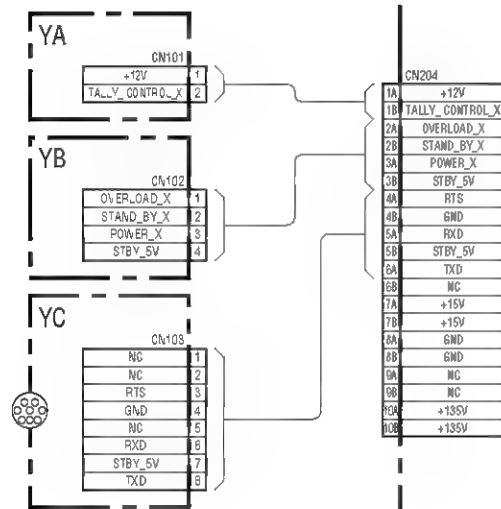
| CN206, CN208, CN210 |            |    |
|---------------------|------------|----|
| B                   | A          |    |
| 1                   | GND        | 1  |
| 2                   | -15V       | 2  |
| 3                   | -15V       | 3  |
| 4                   | +15V       | 4  |
| 5                   | +15V       | 5  |
| 6                   | -6V        | 6  |
| 7                   | -6V        | 7  |
| 8                   | +6V        | 8  |
| 9                   | +6V        | 9  |
| 10                  | GND        | 10 |
| 11                  | GND        | 11 |
| 12                  | NC         | 12 |
| 13                  | AFC_P      | 13 |
| 14                  | V_DRIVE_P  | 14 |
| 15                  | GND        | 15 |
| 16                  | ASD_REF_P  | 16 |
| 17                  | B17_D      | 17 |
| 18                  | NC         | 18 |
| 19                  | NC         | 19 |
| 20                  | NC         | 20 |
| 21                  | NC         | 21 |
| 22                  | NC         | 22 |
| 23                  | NC         | 23 |
| 24                  | NC         | 24 |
| 25                  | NC         | 25 |
| 26                  | NC         | 26 |
| 27                  | NC         | 27 |
| 28                  | NC         | 28 |
| 29                  | NC         | 29 |
| 30                  | NC         | 30 |
| 31                  | NC         | 31 |
| 32                  | SV_SENSE   | 32 |
| 33                  | STBY_5V    | 33 |
| 34                  | STBY_5V    | 34 |
| 35                  | D_GND      | 35 |
| 36                  | D_GND      | 36 |
| 37                  | AD2        | 37 |
| 38                  | AD3        | 38 |
| 39                  | AD6        | 39 |
| 40                  | AD7        | 40 |
| 41                  | RESET_X    | 41 |
| 42                  | D_GND      | 42 |
| 43                  | CLK_RW_OP1 | 43 |
| 44                  | D_GND      | 44 |
| 45                  | D_GND      | 45 |
| 46                  | D_GND      | 46 |
| 47                  | TAG_TD     | 47 |
| 48                  | TAG_TMS    | 48 |
| 49                  | D_GND      | 49 |
| 50                  | GND        | 50 |

| CN212 |            |    |
|-------|------------|----|
| B     | A          |    |
| 1     | GND        | 1  |
| 2     | -15V       | 2  |
| 3     | -15V       | 3  |
| 4     | +15V       | 4  |
| 5     | +15V       | 5  |
| 6     | -6V        | 6  |
| 7     | -6V        | 7  |
| 8     | +6V        | 8  |
| 9     | +6V        | 9  |
| 10    | GND        | 10 |
| 11    | GND        | 11 |
| 12    | G2_CONTROL | 12 |
| 13    | AFC_P      | 13 |
| 14    | V_DRIVE_P  | 14 |
| 15    | DF_MASK_P  | 15 |
| 16    | ASD_REF_P  | 16 |
| 17    | B17_D      | 17 |
| 18    | GND        | 18 |
| 19    | CONV_PL_H  | 19 |
| 20    | CONV_PL_V  | 20 |
| 21    | GND        | 21 |
| 22    | GND        | 22 |
| 23    | GND        | 23 |
| 24    | GND        | 24 |
| 25    | H_SYNC_E   | 25 |
| 26    | V_SYNC_E   | 26 |
| 27    | GND        | 27 |
| 28    | GND        | 28 |
| 29    | GND        | 29 |
| 30    | GND        | 30 |
| 31    | GND        | 31 |
| 32    | SV_SENSE   | 32 |
| 33    | STBY_5V    | 33 |
| 34    | STBY_5V    | 34 |
| 35    | D_GND      | 35 |
| 36    | D_GND      | 36 |
| 37    | AD2        | 37 |
| 38    | AD3        | 38 |
| 39    | AD6        | 39 |
| 40    | AD7        | 40 |
| 41    | RESET_X    | 41 |
| 42    | D_GND      | 42 |
| 43    | CLK_RW_OP1 | 43 |
| 44    | D_GND      | 44 |
| 45    | D_GND      | 45 |
| 46    | D_GND      | 46 |
| 47    | TAG_TD     | 47 |
| 48    | TAG_TMS    | 48 |
| 49    | D_GND      | 49 |
| 50    | GND        | 50 |

TB







| TO BC BOARD<br>CN201 |        |    |
|----------------------|--------|----|
| B                    | A      |    |
| 1                    | GND    | 1  |
| 2                    | D_GND  | 2  |
| 3                    | D_GND  | 3  |
| 4                    | D_GND  | 4  |
| 5                    | D_GND  | 5  |
| 6                    | D_GND  | 6  |
| 7                    | D_GND  | 7  |
| 8                    | D_GND  | 8  |
| 9                    | D_GND  | 9  |
| 10                   | D_GND  | 10 |
| 11                   | D_GND  | 11 |
| 12                   | D_GND  | 12 |
| 13                   | D_GND  | 13 |
| 14                   | D_GND  | 14 |
| 15                   | NC     | 15 |
| 16                   | NC     | 16 |
| 17                   | NC     | 17 |
| 18                   | NC     | 18 |
| 19                   | NC     | 19 |
| 20                   | NC     | 20 |
| 21                   | GND    | 21 |
| 22                   | H_SYNC | 22 |
| 23                   | GND    | 23 |
| 24                   | V_SYNC | 24 |
| 25                   | GND    | 25 |
| 26                   | VIDEO  | 26 |
| 27                   | B27_U  | 27 |
| 28                   | NC     | 28 |
| 29                   | NC     | 29 |
| 30                   | NC     | 30 |
| 31                   | NC     | 31 |
| 32                   | NC     | 32 |
| 33                   | NC     | 33 |
| 34                   | NC     | 34 |
| 35                   | NC     | 35 |
| 36                   | NC     | 36 |
| 37                   | NC     | 37 |
| 38                   | NC     | 38 |
| 39                   | NC     | 39 |
| 40                   | NC     | 40 |
| 41                   | NC     | 41 |
| 42                   | NC     | 42 |
| 43                   | NC     | 43 |
| 44                   | NC     | 44 |
| 45                   | NC     | 45 |
| 46                   | NC     | 46 |
| 47                   | NC     | 47 |
| 48                   | NC     | 48 |
| 49                   | NC     | 49 |
| 50                   | NC     | 50 |

| OPTION BOARD 1 3<br>CN205, CN207, CN209 |        |    |
|---|--------|----|
| B                                       | A      |    |
| 1                                       | GND    | 1  |
| 2                                       | NC     | 2  |
| 3                                       | NC     | 3  |
| 4                                       | NC     | 4  |
| 5                                       | NC     | 5  |
| 6                                       | NC     | 6  |
| 7                                       | NC     | 7  |
| 8                                       | NC     | 8  |
| 9                                       | NC     | 9  |
| 10                                      | NC     | 10 |
| 11                                      | NC     | 11 |
| 12                                      | NC     | 12 |
| 13                                      | NC     | 13 |
| 14                                      | NC     | 14 |
| 15                                      | GND    | 15 |
| 16                                      | PR_R   | 16 |
| 17                                      | GND    | 17 |
| 18                                      | Y_G    | 18 |
| 19                                      | GND    | 19 |
| 20                                      | PB_B   | 20 |
| 21                                      | GND    | 21 |
| 22                                      | H_SYNC | 22 |
| 23                                      | GND    | 23 |
| 24                                      | V_SYNC | 24 |
| 25                                      | GND    | 25 |
| 26                                      | VIDEO  | 26 |
| 27                                      | B27_U  | 27 |
| 28                                      | NC     | 28 |
| 29                                      | NC     | 29 |
| 30                                      | NC     | 30 |
| 31                                      | NC     | 31 |
| 32                                      | NC     | 32 |
| 33                                      | NC     | 33 |
| 34                                      | NC     | 34 |
| 35                                      | NC     | 35 |
| 36                                      | NC     | 36 |
| 37                                      | NC     | 37 |
| 38                                      | NC     | 38 |
| 39                                      | NC     | 39 |
| 40                                      | NC     | 40 |
| 41                                      | NC     | 41 |
| 42                                      | NC     | 42 |
| 43                                      | NC     | 43 |
| 44                                      | NC     | 44 |
| 45                                      | NC     | 45 |
| 46                                      | NC     | 46 |
| 47                                      | NC     | 47 |
| 48                                      | NC     | 48 |
| 49                                      | NC     | 49 |
| 50                                      | NC     | 50 |

| TO BK BOARD<br>CN211 |              |    |
|----------------------|--------------|----|
| B                    | A            |    |
| 1                    | GND          | 1  |
| 2                    | NC           | 2  |
| 3                    | NC           | 3  |
| 4                    | NC           | 4  |
| 5                    | NC           | 5  |
| 6                    | NC           | 6  |
| 7                    | NC           | 7  |
| 8                    | NC           | 8  |
| 9                    | NC           | 9  |
| 10                   | NC           | 10 |
| 11                   | NC           | 11 |
| 12                   | NC           | 12 |
| 13                   | NC           | 13 |
| 14                   | NC           | 14 |
| 15                   | GND          | 15 |
| 16                   | PR_R         | 16 |
| 17                   | GND          | 17 |
| 18                   | Y_G          | 18 |
| 19                   | GND          | 19 |
| 20                   | PB_B         | 20 |
| 21                   | GND          | 21 |
| 22                   | H_SYNC       | 22 |
| 23                   | GND          | 23 |
| 24                   | V_SYNC       | 24 |
| 25                   | GND          | 25 |
| 26                   | VIDEO        | 26 |
| 27                   | B27_U        | 27 |
| 28                   | GND          | 28 |
| 29                   | G2_BLK_P     | 29 |
| 30                   | G1_BLK_P     | 30 |
| 31                   | BIAS_DRIVE_P | 31 |
| 32                   | 135V_ERROR   | 32 |
| 33                   | B33_U        | 33 |
| 34                   | NC           | 34 |
| 35                   | NC           | 35 |
| 36                   | NC           | 36 |
| 37                   | NC           | 37 |
| 38                   | NC           | 38 |
| 39                   | NC           | 39 |
| 40                   | NC           | 40 |
| 41                   | NC           | 41 |
| 42                   | GND          | 42 |
| 43                   | GND          | 43 |
| 44                   | B44_U        | 44 |
| 45                   | B45_U        | 45 |
| 46                   | GND          | 46 |
| 47                   | 100PCT_P     | 47 |
| 48                   | GND          | 48 |
| 49                   | SETUP_P      | 49 |
| 50                   | GND          | 50 |

| TO CA BOARD<br>CN213 |              |    |
|----------------------|--------------|----|
| B                    | A            |    |
| 1                    | GND          | 1  |
| 2                    | NC           | 2  |
| 3                    | NC           | 3  |
| 4                    | NC           | 4  |
| 5                    | NC           | 5  |
| 6                    | NC           | 6  |
| 7                    | NC           | 7  |
| 8                    | NC           | 8  |
| 9                    | NC           | 9  |
| 10                   | NC           | 10 |
| 11                   | NC           | 11 |
| 12                   | NC           | 12 |
| 13                   | NC           | 13 |
| 14                   | NC           | 14 |
| 15                   | GND          | 15 |
| 16                   | PR_R         | 16 |
| 17                   | GND          | 17 |
| 18                   | Y_G          | 18 |
| 19                   | GND          | 19 |
| 20                   | PB_B         | 20 |
| 21                   | GND          | 21 |
| 22                   | H_SYNC       | 22 |
| 23                   | GND          | 23 |
| 24                   | V_SYNC       | 24 |
| 25                   | GND          | 25 |
| 26                   | VIDEO        | 26 |
| 27                   | B27_U        | 27 |
| 28                   | GND          | 28 |
| 29                   | G2_BLK_P     | 29 |
| 30                   | G1_BLK_P     | 30 |
| 31                   | BIAS_DRIVE_P | 31 |
| 32                   | 135V_ERROR   | 32 |
| 33                   | B33_U        | 33 |
| 34                   | NC           | 34 |
| 35                   | NC           | 35 |
| 36                   | NC           | 36 |
| 37                   | NC           | 37 |
| 38                   | NC           | 38 |
| 39                   | NC           | 39 |
| 40                   | NC           | 40 |
| 41                   | NC           | 41 |
| 42                   | GND          | 42 |
| 43                   | GND          | 43 |
| 44                   | B44_U        | 44 |
| 45                   | B45_U        | 45 |
| 46                   | GND          | 46 |
| 47                   | 100PCT_P     | 47 |
| 48                   | GND          | 48 |
| 49                   | SETUP_P      | 49 |
| 50                   | GND          | 50 |

| TO TA BOARD<br>CN214 |          |    |
|----------------------|----------|----|
| A                    | B        |    |
| 1                    | GND      | 1  |
| 2                    | NC       | 2  |
| 3                    | +135V    | 3  |
| 4                    | NC       | 4  |
| 5                    | 15V      | 5  |
| 6                    | +15V     | 6  |
| 7                    | -6V      | 7  |
| 8                    | +6V      | 8  |
| 9                    | GND      | 9  |
| 10                   | ABL      | 10 |
| 11                   | GND      | 11 |
| 12                   | GND      | 12 |
| 13                   | GND      | 13 |
| 14                   | GND      | 14 |
| 15                   | GND      | 15 |
| 16                   | GND      | 16 |
| 17                   | GND      | 17 |
| 18                   | GND      | 18 |
| 19                   | SV_SENSE | 19 |
| 20                   | STBY_5V  | 20 |

| CN215 |           |    |
|-------|-----------|----|
| A     | B         |    |
| 1     | AD0       | 1  |
| 2     | AD1       | 2  |
| 3     | AD2       | 3  |
| 4     | AD3       | 4  |
| 5     | AD4       | 5  |
| 6     | AD5       | 6  |
| 7     | AD6       | 7  |
| 8     | AD7       | 8  |
| 9     | RAW_X     | 9  |
| 10    | A_X/D     | 10 |
| 11    | RESET_X   | 11 |
| 12    | CLK_RW_E1 | 12 |
| 13    | CLK_RW_E2 | 13 |
| 14    | IRQ_X_E1  | 14 |
| 15    | IRQ_X_E2  | 15 |

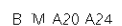
| CN202 |                  |    |
|-------|------------------|----|
| B     | A                |    |
| 1     | GND              | 1  |
| 2     | -15V             | 2  |
| 3     | -15V             | 3  |
| 4     | +15V             | 4  |
| 5     | +15V             | 5  |
| 6     | -6V              | 6  |
| 7     | -6V              | 7  |
| 8     | +6V              | 8  |
| 9     | +6V              | 9  |
| 10    | GND              | 10 |
| 11    | GND              | 11 |
| 12    | NC               | 12 |
| 13    | AFC_P            | 13 |
| 14    | V_DRIVE_P        | 14 |
| 15    | MASTERSLAVE_X/NC | 15 |
| 16    | NC               | 16 |
| 17    | B17_D            | 17 |
| 18    | D_GND            | 18 |
| 19    | AD2              | 19 |
| 20    | AD3              | 20 |
| 21    | AD6              | 21 |
| 22    | AD7              | 22 |
| 23    | RESET_X          | 23 |
| 24    | D_GND            | 24 |
| 25    | D_GND            | 25 |
| 26    | D_GND            | 26 |
| 27    | D_GND            | 27 |
| 28    | D_GND            | 28 |
| 29    | IRQ_X_OP2        | 29 |
| 30    | IRQ_X_OP3        | 30 |
| 31    | D_GND            | 31 |
| 32    | SV_SENSE         | 32 |
| 33    | STBY_5V          | 33 |
| 34    | STBY_5V          | 34 |
| 35    | D_GND            | 35 |
| 36    | D_GND            | 36 |
| 37    | AD2              | 37 |
| 38    | AD3              | 38 |
| 39    | AD6              | 39 |
| 40    | AD7              | 40 |
| 41    | RESET_X          | 41 |
| 42    | D_GND            | 42 |
| 43    | D_GND            | 43 |
| 44    | D_GND            | 44 |
| 45    | D_GND            | 45 |
| 46    | D_GND            | 46 |
| 47    | JTAG_TDI         | 47 |
| 48    | JTAG_TMS         | 48 |
| 49    | D_GND            | 49 |
| 50    | GND              | 50 |

| CN206, CN208, CN210 |           |    |
|---------------------|-----------|----|
| B                   | A         |    |
| 1                   | GND       | 1  |
| 2                   | -15V      | 2  |
| 3                   | -15V      | 3  |
| 4                   | +15V      | 4  |
| 5                   | +15V      | 5  |
| 6                   | -6V       | 6  |
| 7                   | -6V       | 7  |
| 8                   | +6V       | 8  |
| 9                   | +6V       | 9  |
| 10                  | GND       | 10 |
| 11                  | GND       | 11 |
| 12                  | NC        | 12 |
| 13                  | AFC_P     | 13 |
| 14                  | V_DRIVE_P | 14 |
| 15                  | GND       | 15 |
| 16                  | ASD_REF_P | 16 |
| 17                  | B17_D     | 17 |
| 18                  | NC        | 18 |
| 19                  | NC        | 19 |
| 20                  | NC        | 20 |
| 21                  | NC        | 21 |
| 22                  | NC        | 22 |
| 23                  | NC        | 23 |
| 24                  | NC        | 24 |
| 25                  | NC        | 25 |
| 26                  | NC        | 26 |
| 27                  | NC        | 27 |
| 28                  | NC        | 28 |
| 29                  | NC        | 29 |
| 30                  | NC        | 30 |
| 31                  | NC        | 31 |
| 32                  | SV_SENSE  | 32 |
| 33                  | STBY_5V   | 33 |
| 34                  | STBY_5V   | 34 |
| 35                  | D_GND     | 35 |
| 36                  | D_GND     | 36 |
| 37                  | AD2       | 37 |
| 38                  | AD3       | 38 |
| 39                  | AD6       | 39 |
| 40                  | AD7       | 40 |
| 41                  | RESET_X   | 41 |
| 42                  | D_GND     | 42 |
| 43                  | D_GND     | 43 |
| 44                  | D_GND     | 44 |
| 45                  | D_GND     | 45 |
| 46                  | D_GND     | 46 |
| 47                  | JTAG_TDI  | 47 |
| 48                  | JTAG_TMS  | 48 |
| 49                  | D_GND     | 49 |
| 50                  | GND       | 50 |

| CN212 |            |    |
|-------|------------|----|
| B     | A          |    |
| 1     | GND        | 1  |
| 2     | -15V       | 2  |
| 3     | -15V       | 3  |
| 4     | +15V       | 4  |
| 5     | +15V       | 5  |
| 6     | -6V        | 6  |
| 7     | -6V        | 7  |
| 8     | +6V        | 8  |
| 9     | +6V        | 9  |
| 10    | GND        | 10 |
| 11    | GND        | 11 |
| 12    | G2_CONTROL | 12 |
| 13    | AFC_P      | 13 |
| 14    | V_DRIVE_P  | 14 |
| 15    | DF_MASK_P  | 15 |
| 16    | ASD_REF_P  | 16 |
| 17    | B17_D      | 17 |
| 18    | GND        | 18 |
| 19    | CONV_PLL_H | 19 |
| 20    | CONV_PLL_V | 20 |
| 21    | GND        | 21 |
| 22    | GND        | 22 |
| 23    | GND        | 23 |
| 24    | GND        | 24 |
| 25    | H_SYNC_E   | 25 |
| 26    | V_SYNC_E   | 26 |
| 27    | GND        | 27 |
| 28    | GND        | 28 |
| 29    | GND        | 29 |
| 30    | GND        | 30 |
| 31    | GND        | 31 |
| 32    | SV_SENSE   | 32 |
| 33    | STBY_5V    | 33 |
| 34    | STBY_5V    | 34 |
| 35    | D_GND      | 35 |
| 36    | D_GND      | 36 |
| 37    | AD2        | 37 |
| 38    | AD3        | 38 |
| 39    | AD6        | 39 |
| 40    | AD7        | 40 |
| 41    | RESET_X    | 41 |
| 42    | D_GND      | 42 |
| 43    | D_GND      | 43 |
| 44    | D_GND      | 44 |
| 45    | D_GND      | 45 |
| 46    | D_GND      | 46 |
| 47    | JTAG_TDI   | 47 |
| 48    | JTAG_TMS   | 48 |
| 49    | D_GND      | 49 |
| 50    | GND        | 50 |

TB

**Frame (2/2) (BVM-A24)**



H

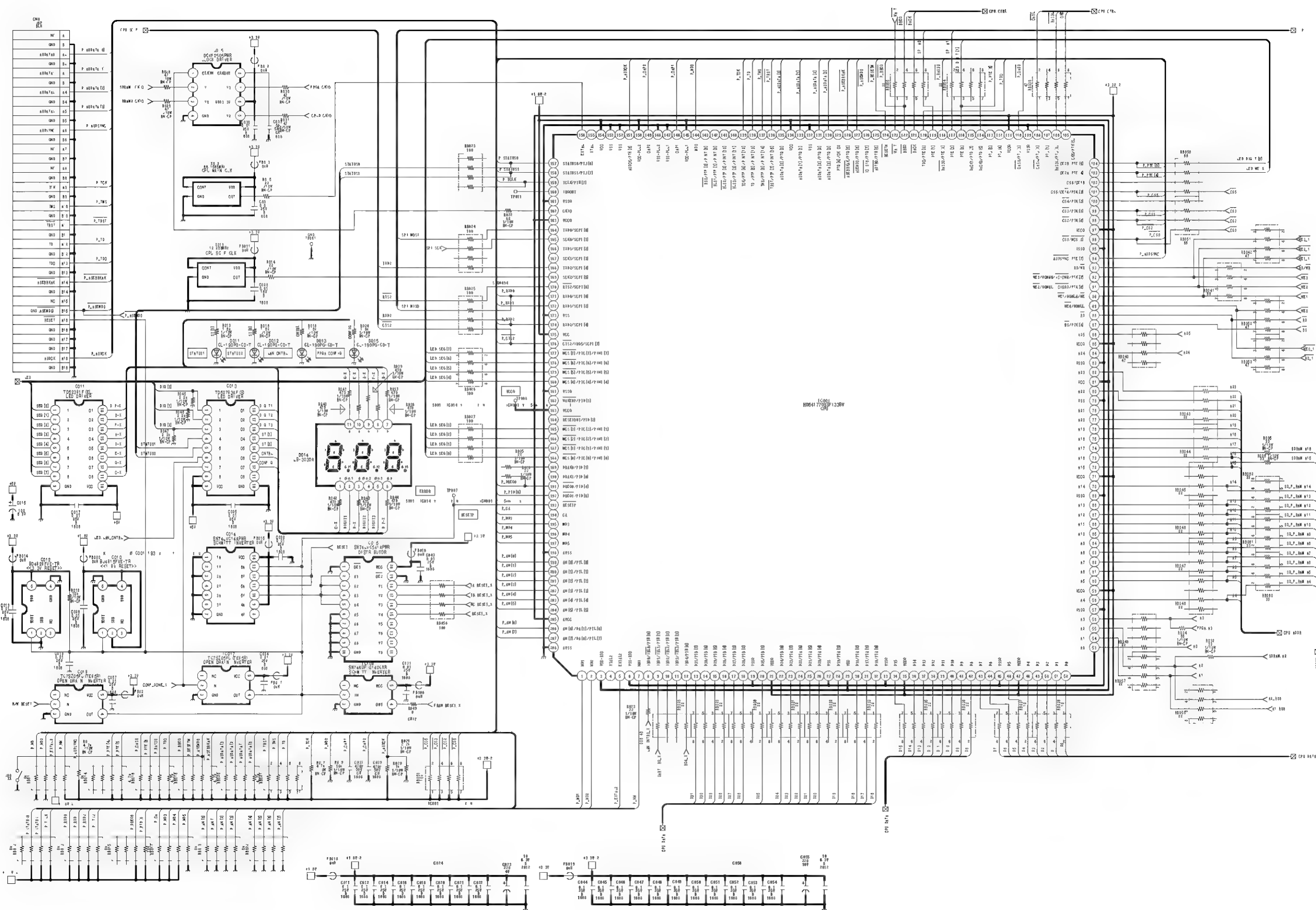
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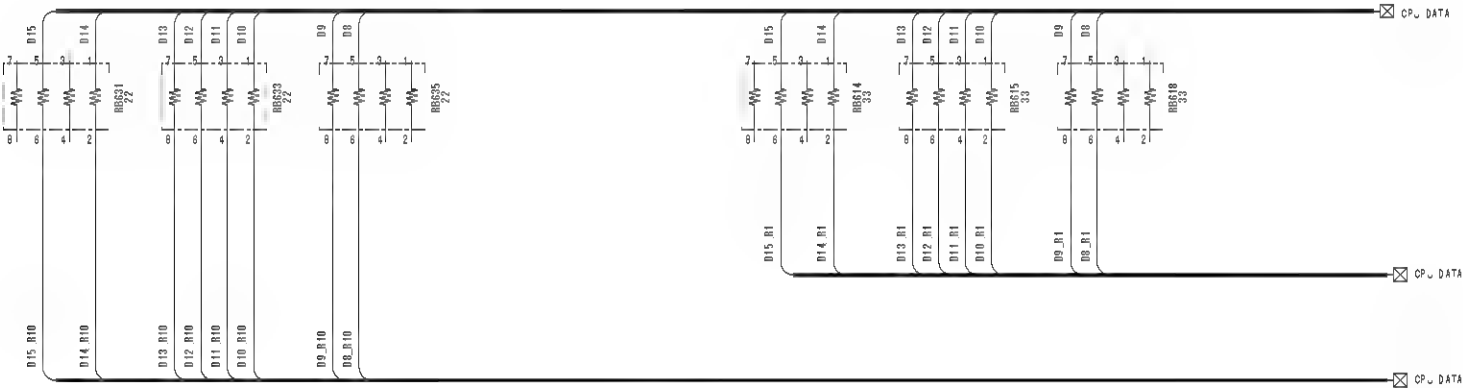
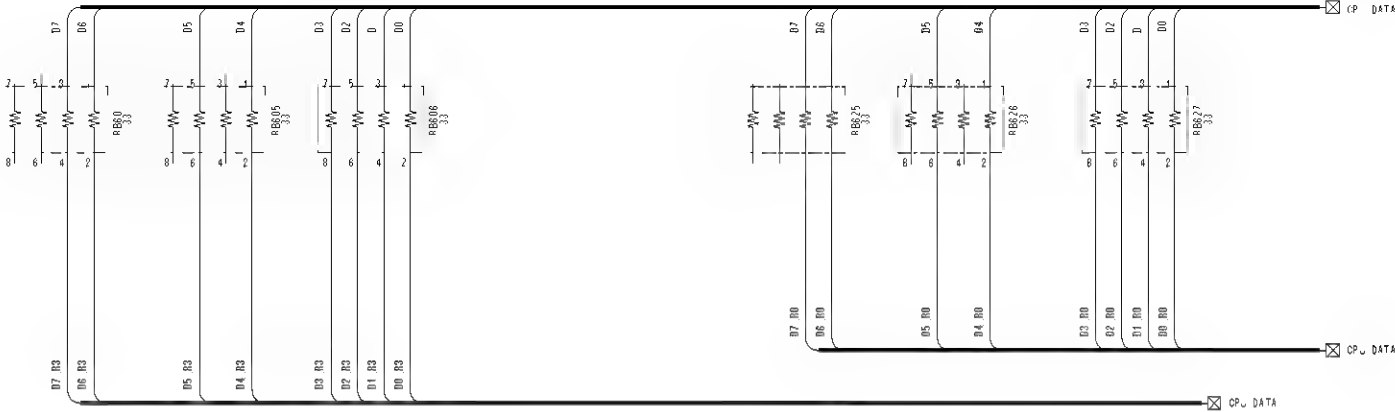
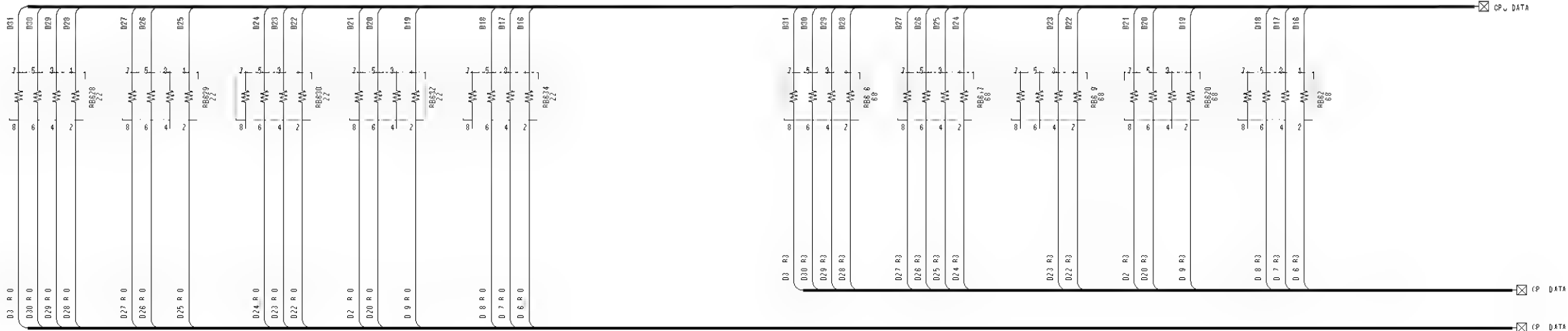
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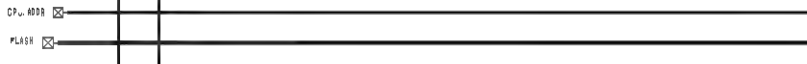
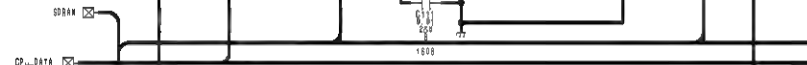
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4

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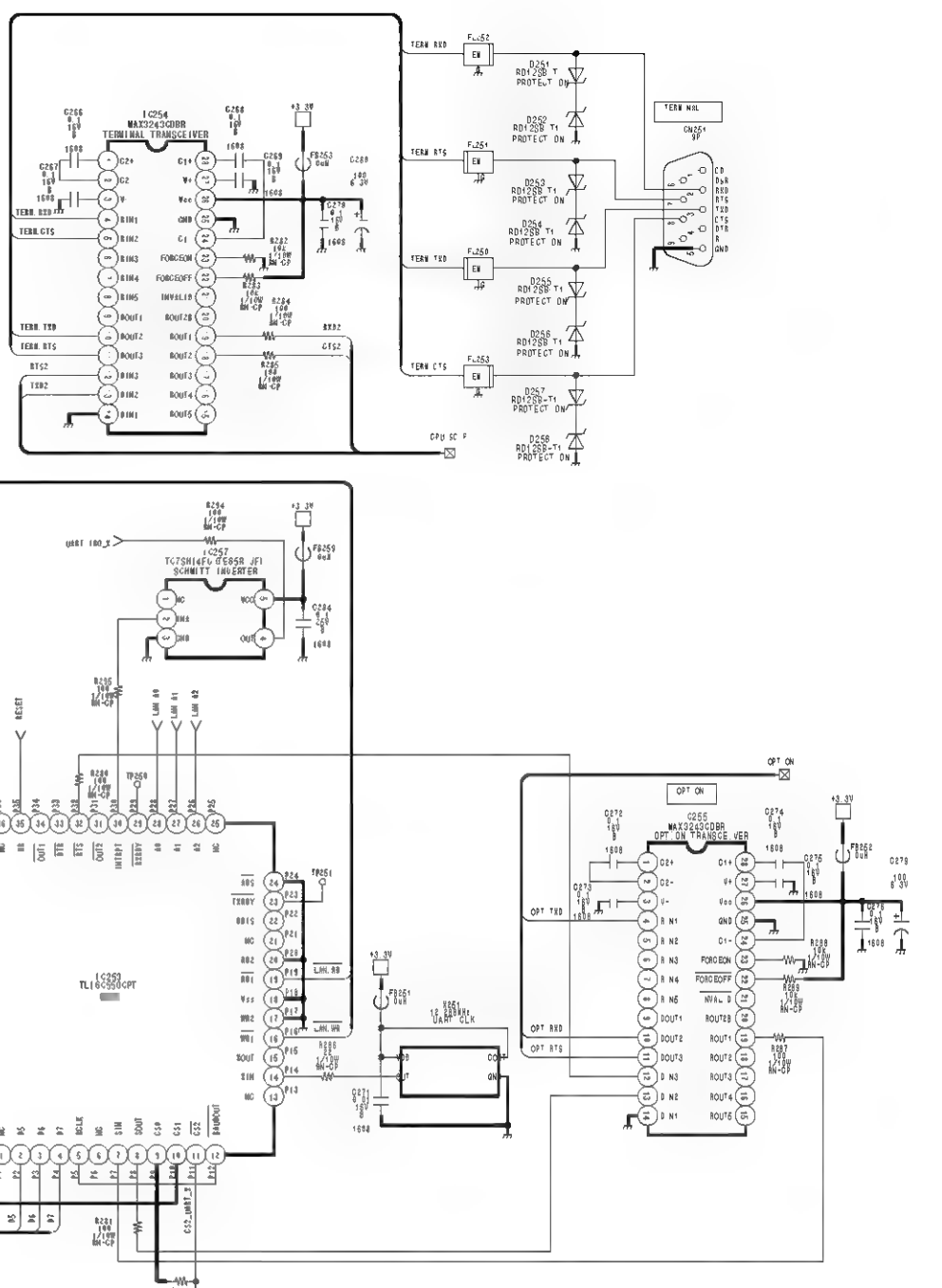
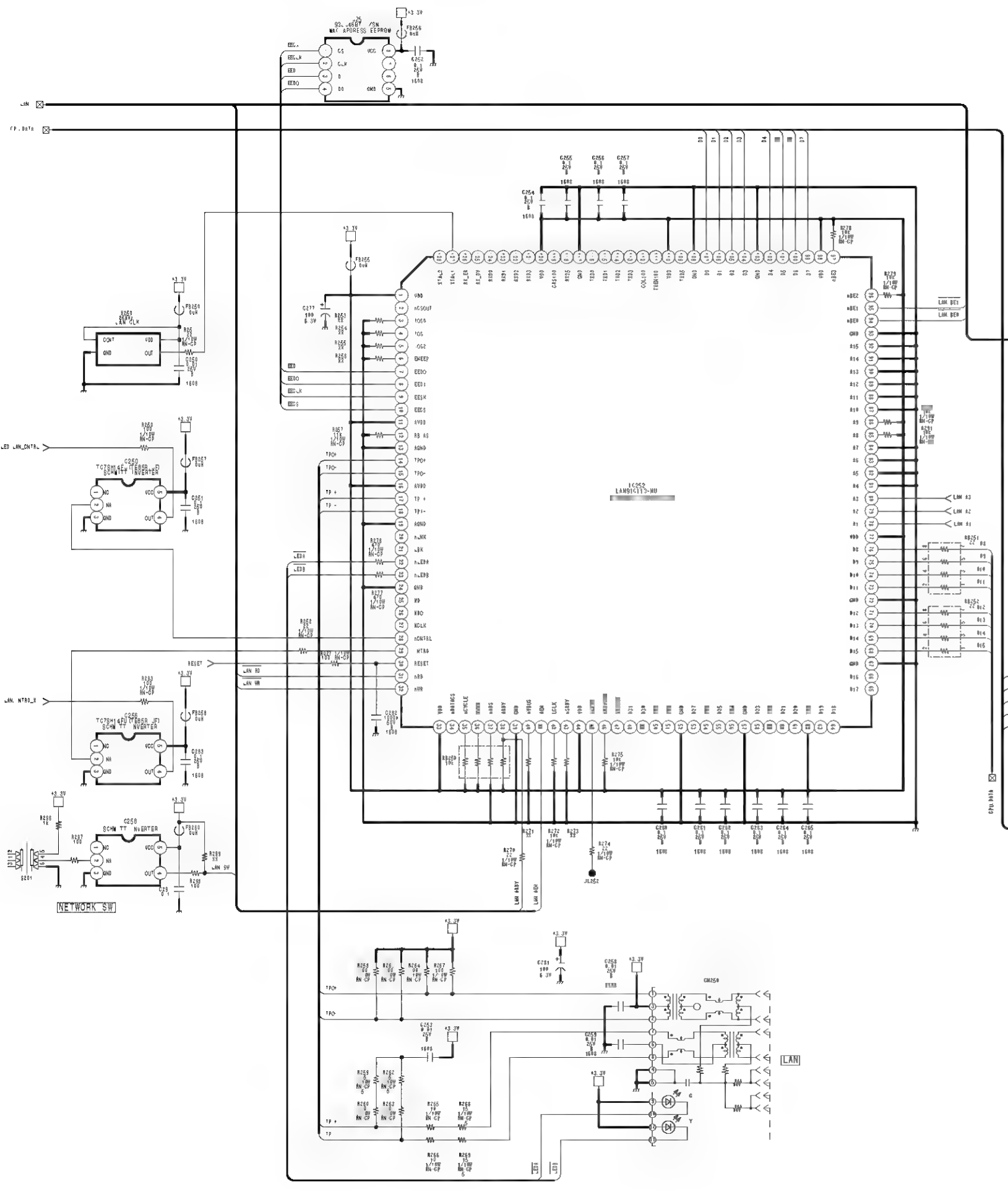
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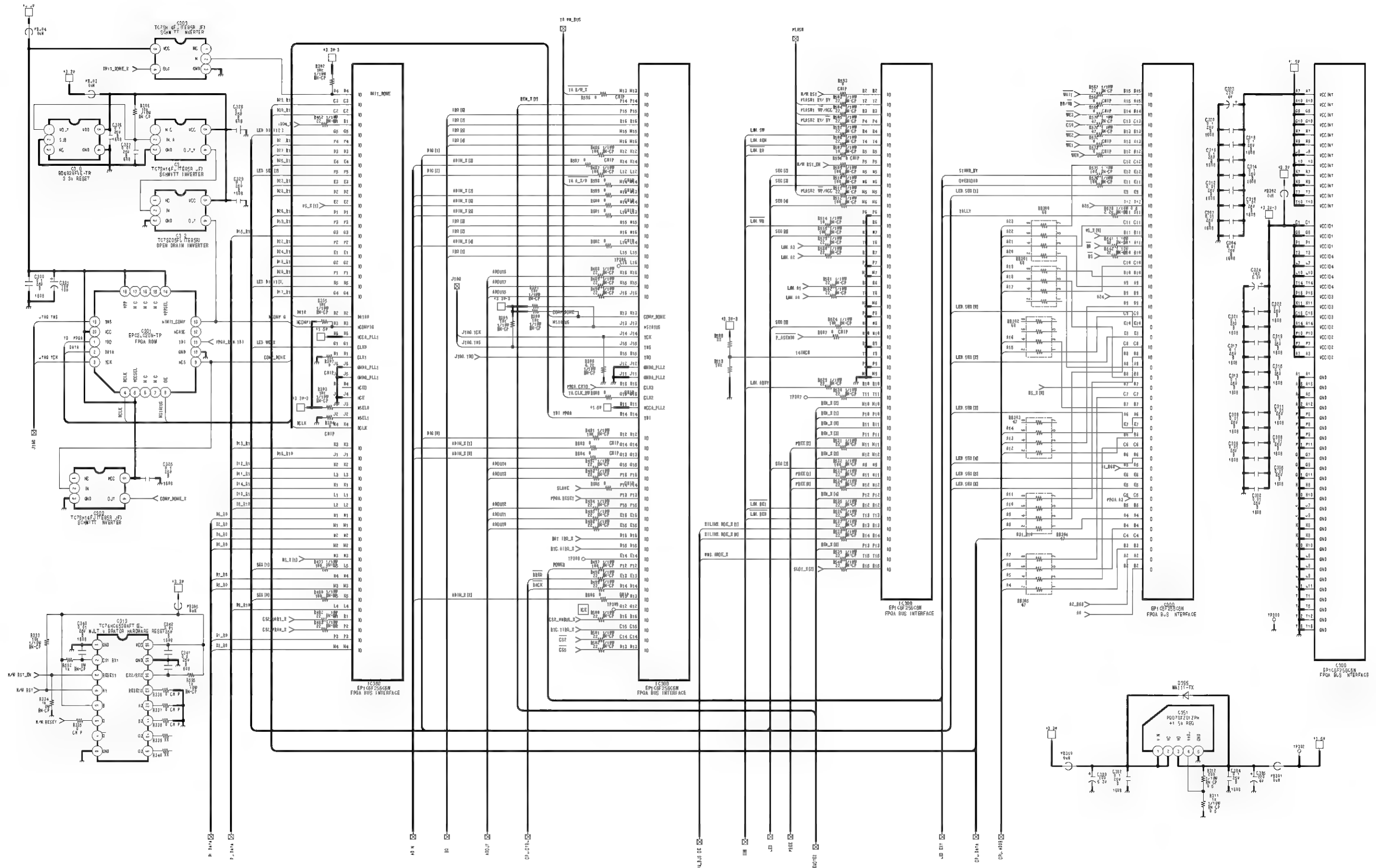
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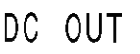
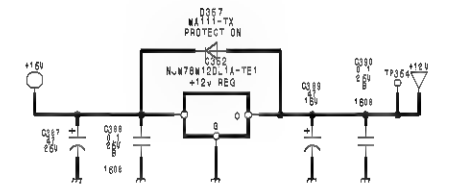
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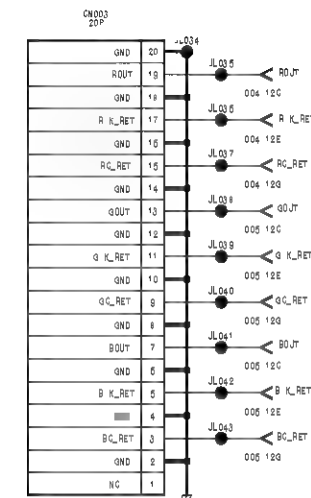


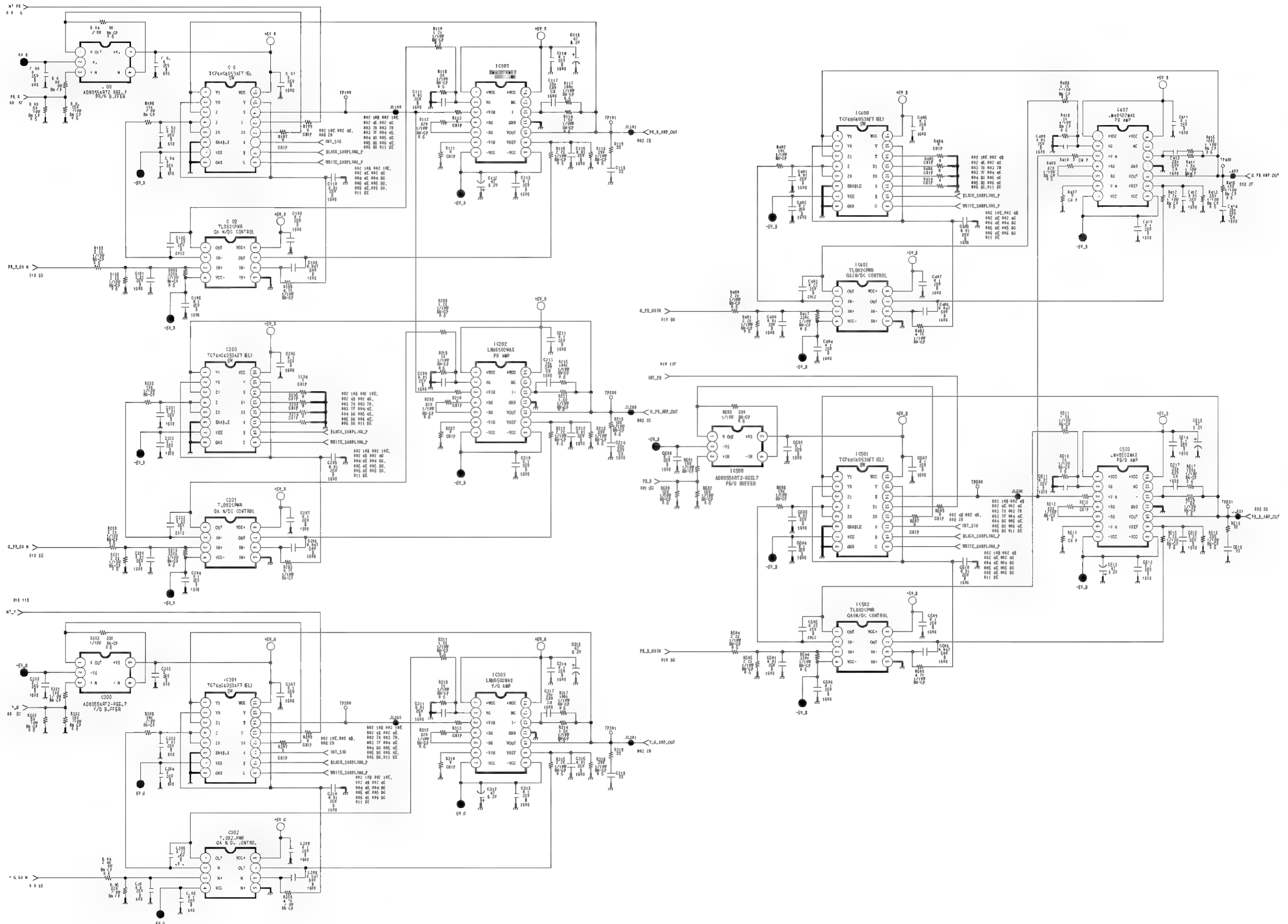


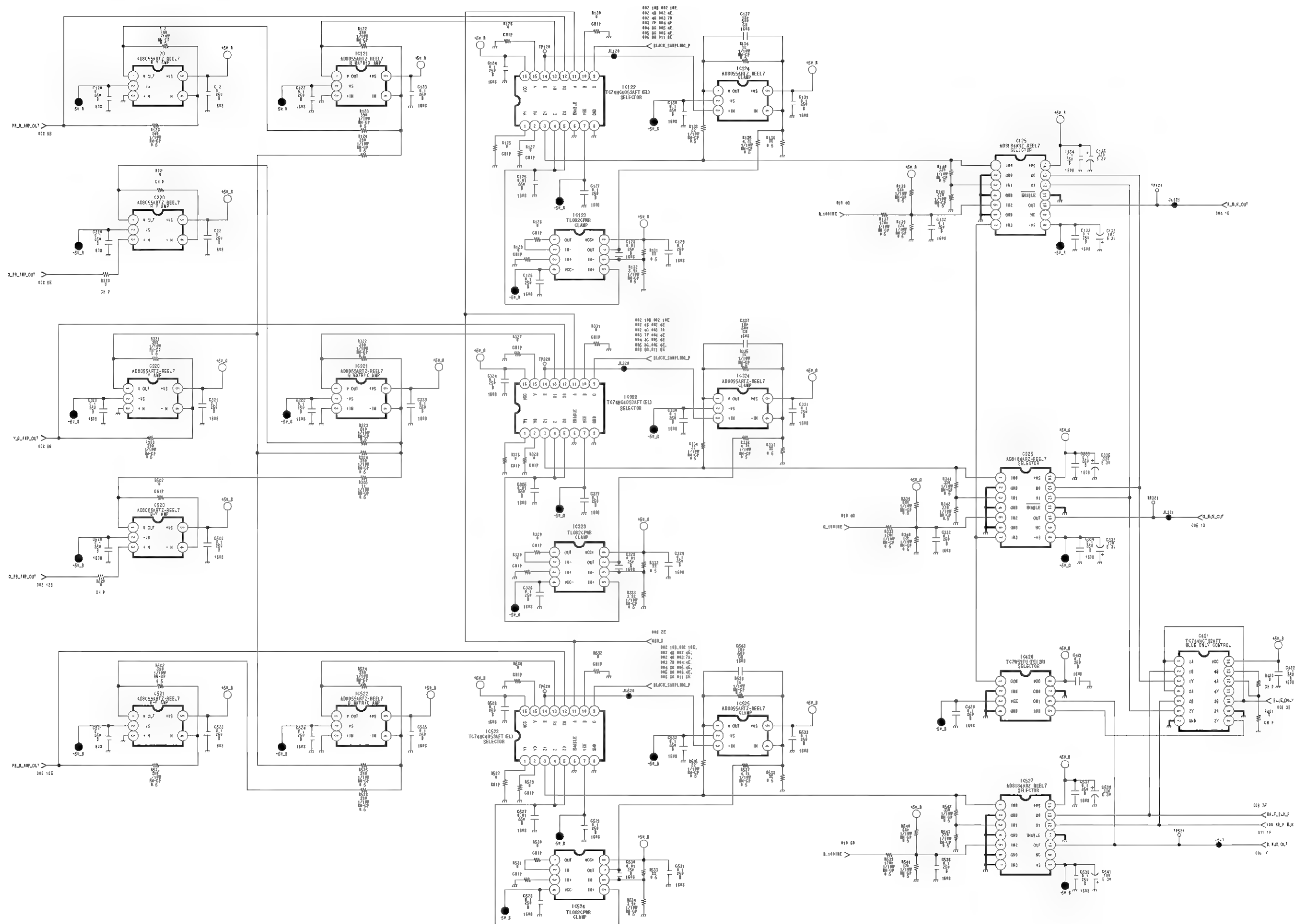




|             |      |          |  |
|-------------|------|----------|--|
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| Moun* We h3 | X002 | 26963630 |  |







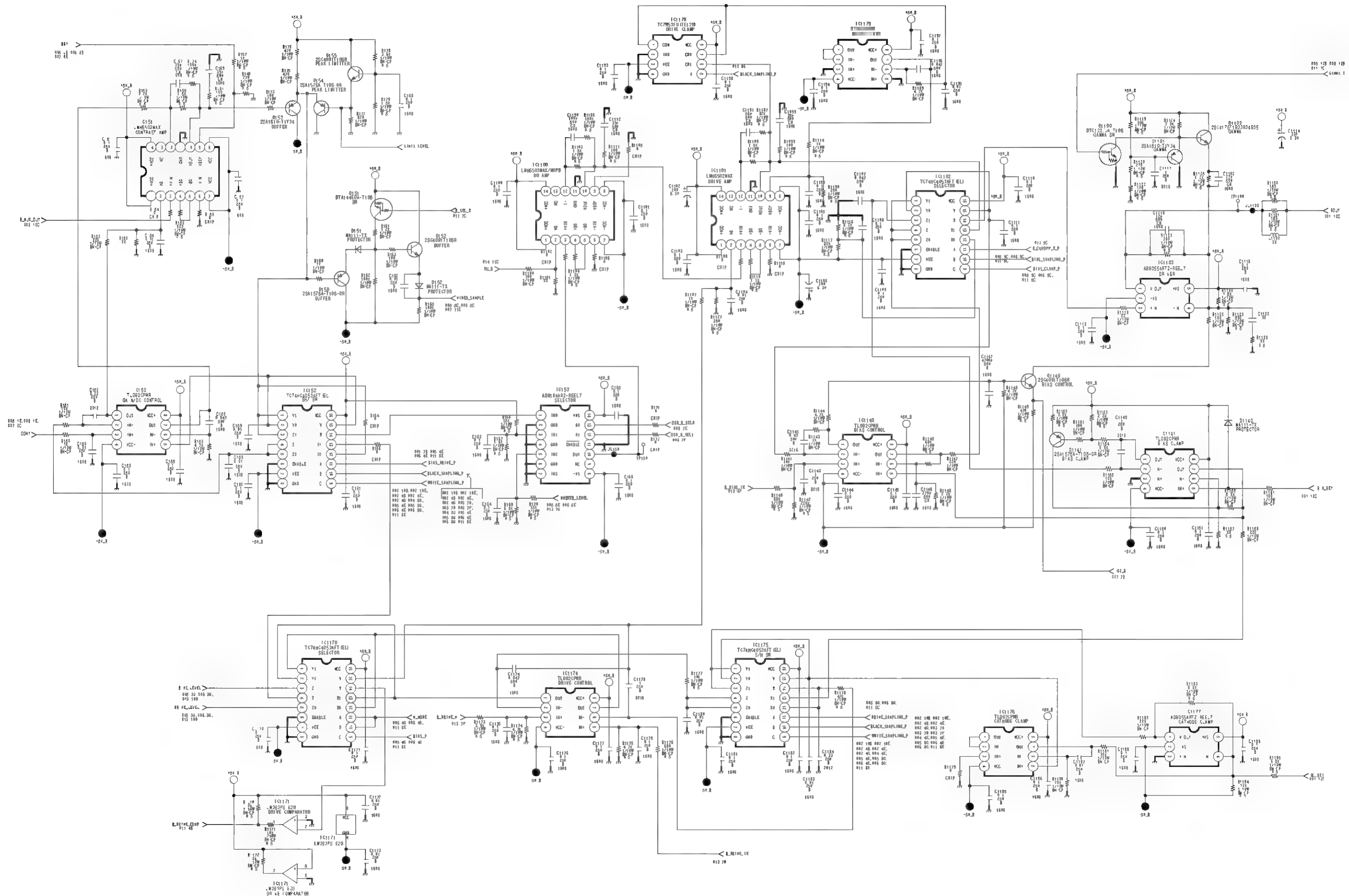
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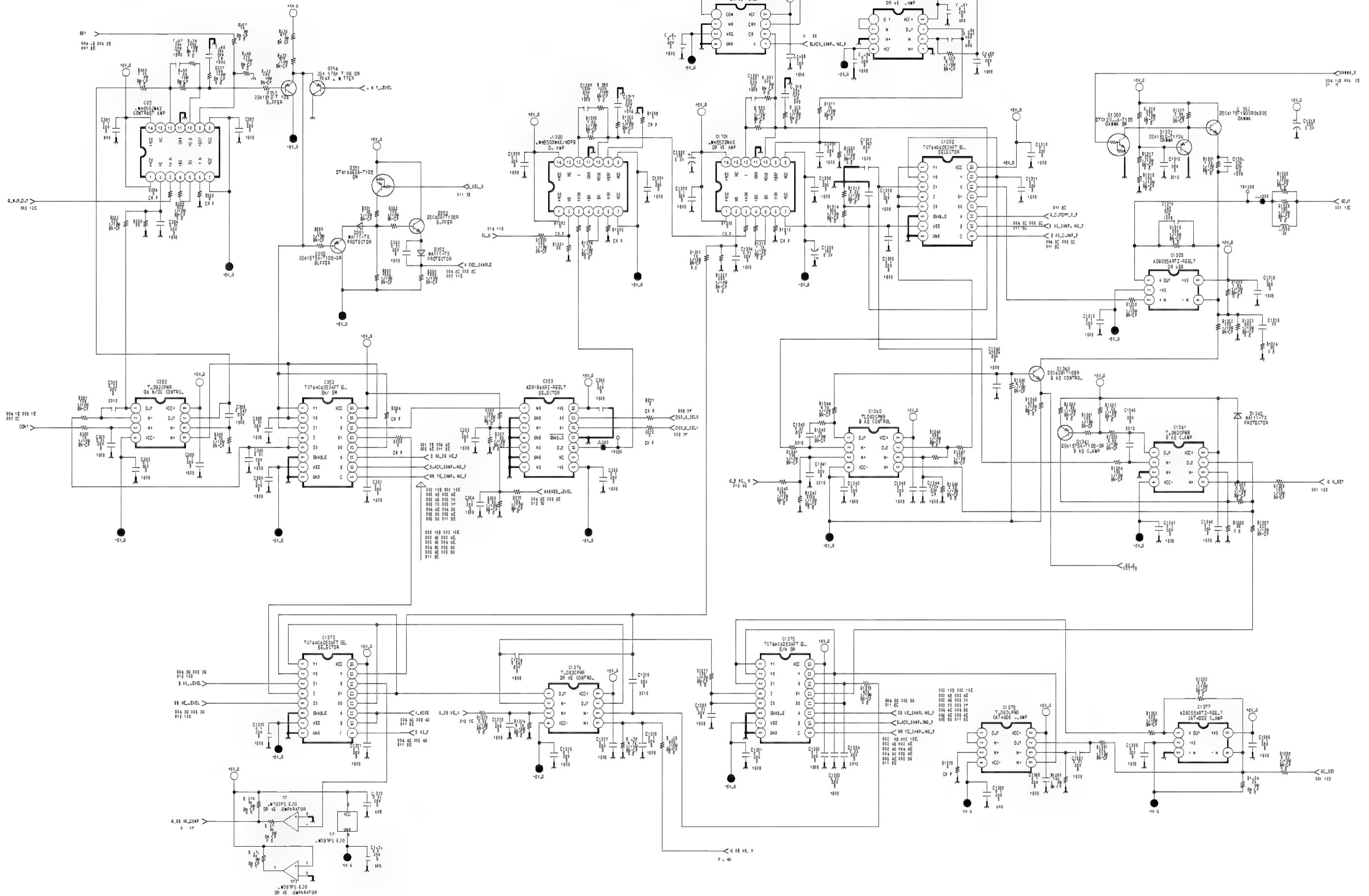
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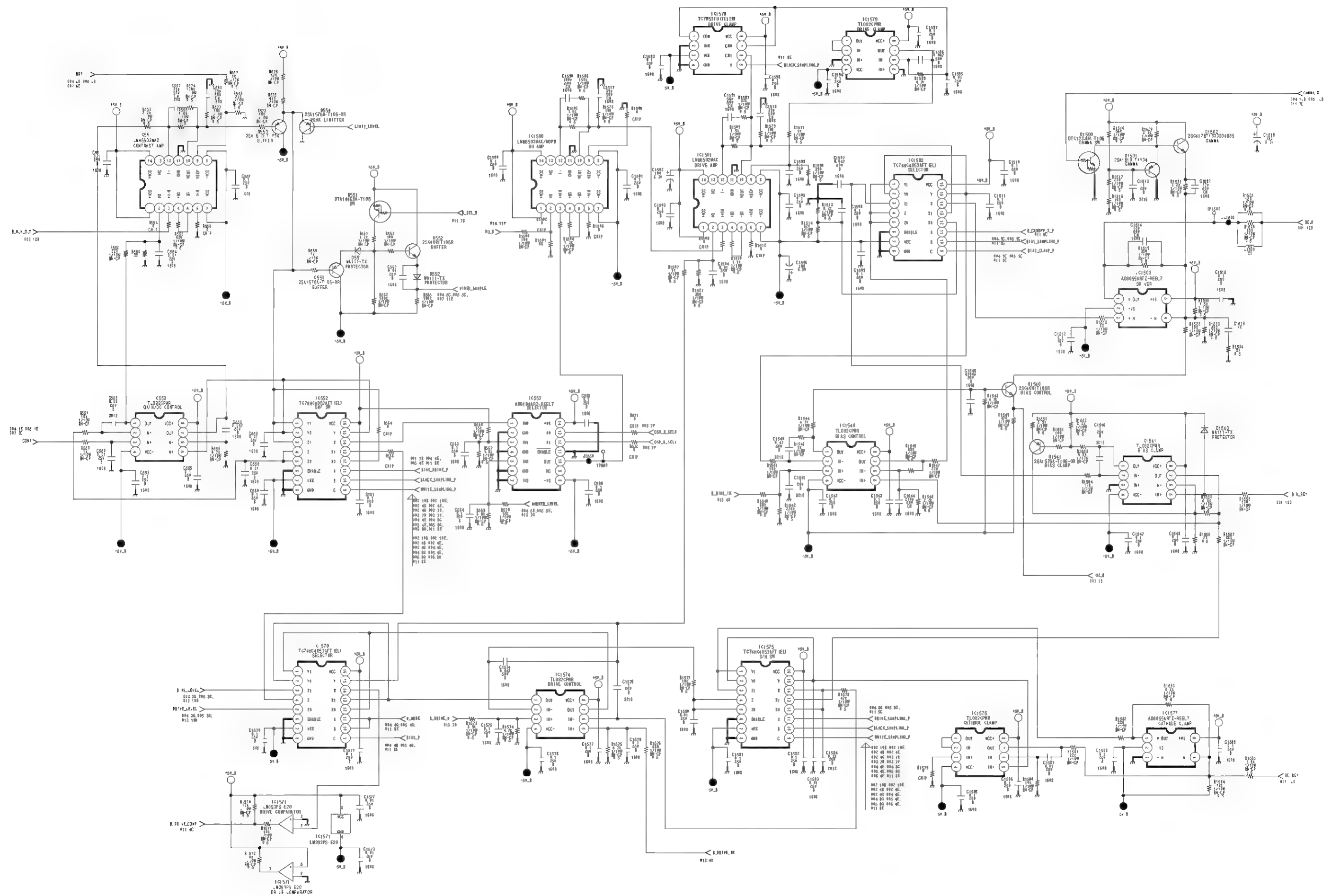
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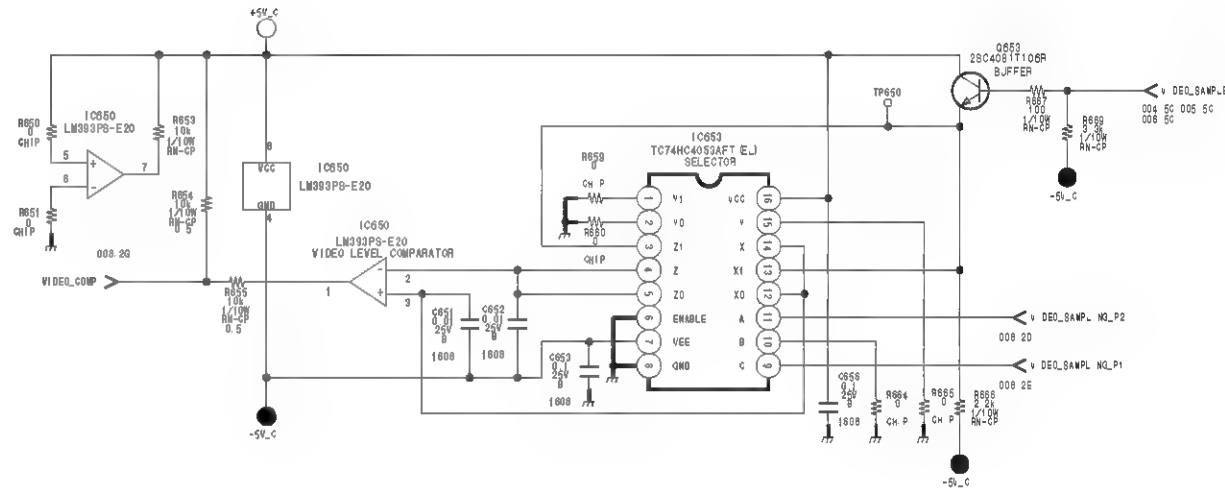
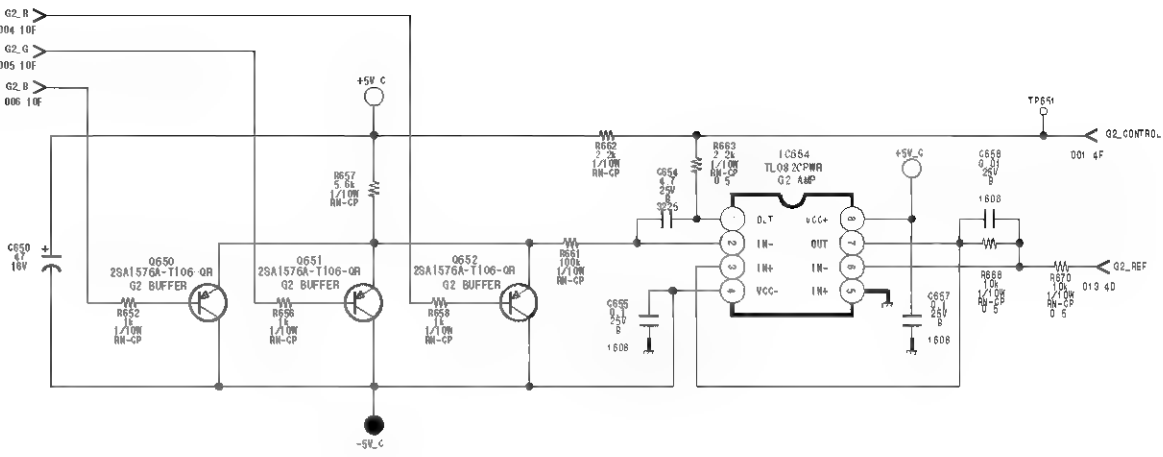
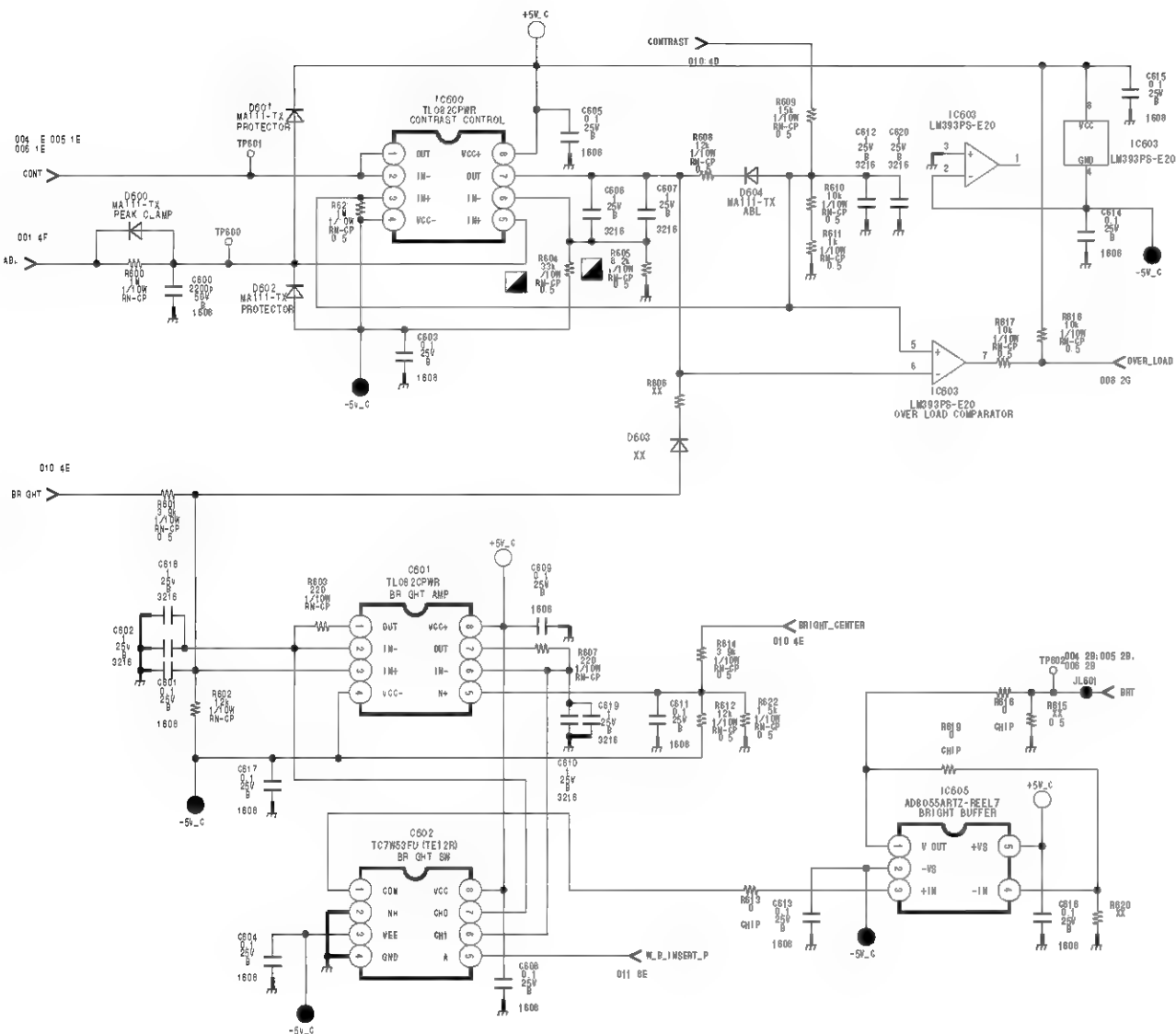
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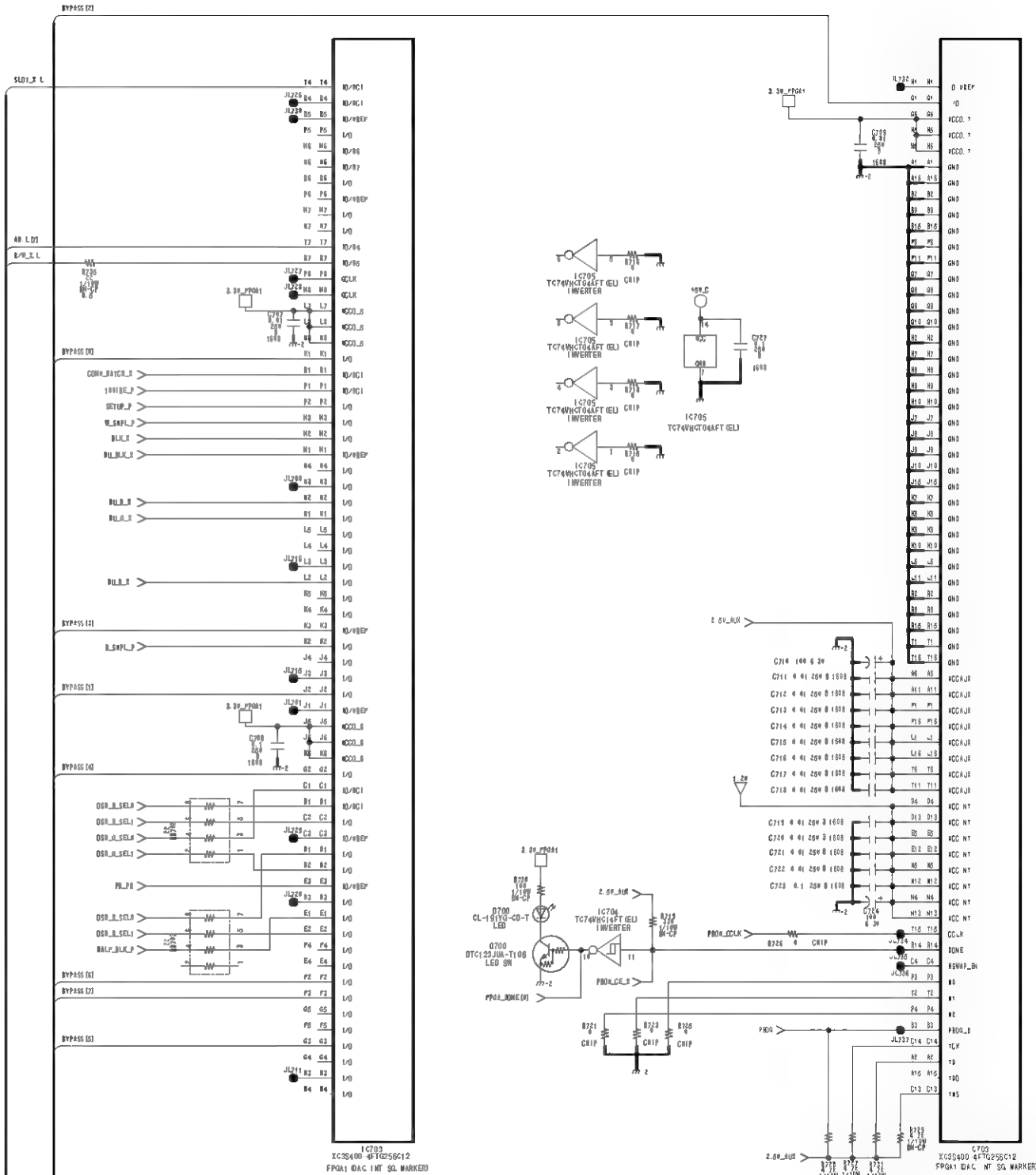
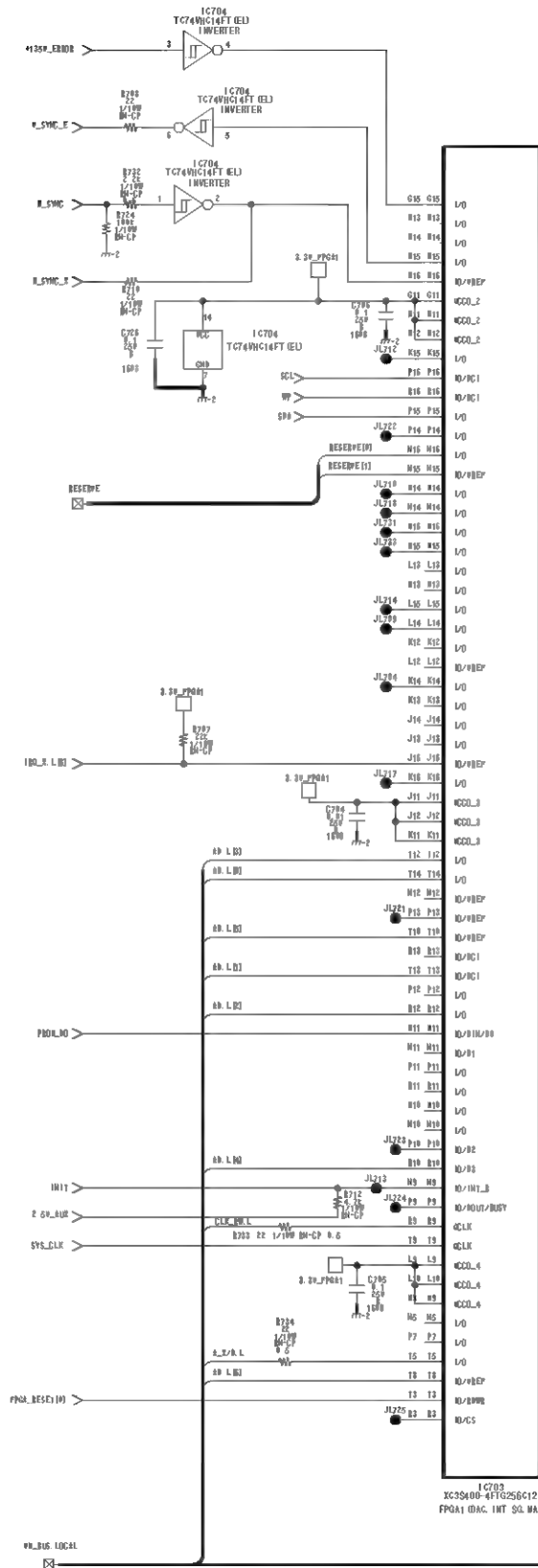
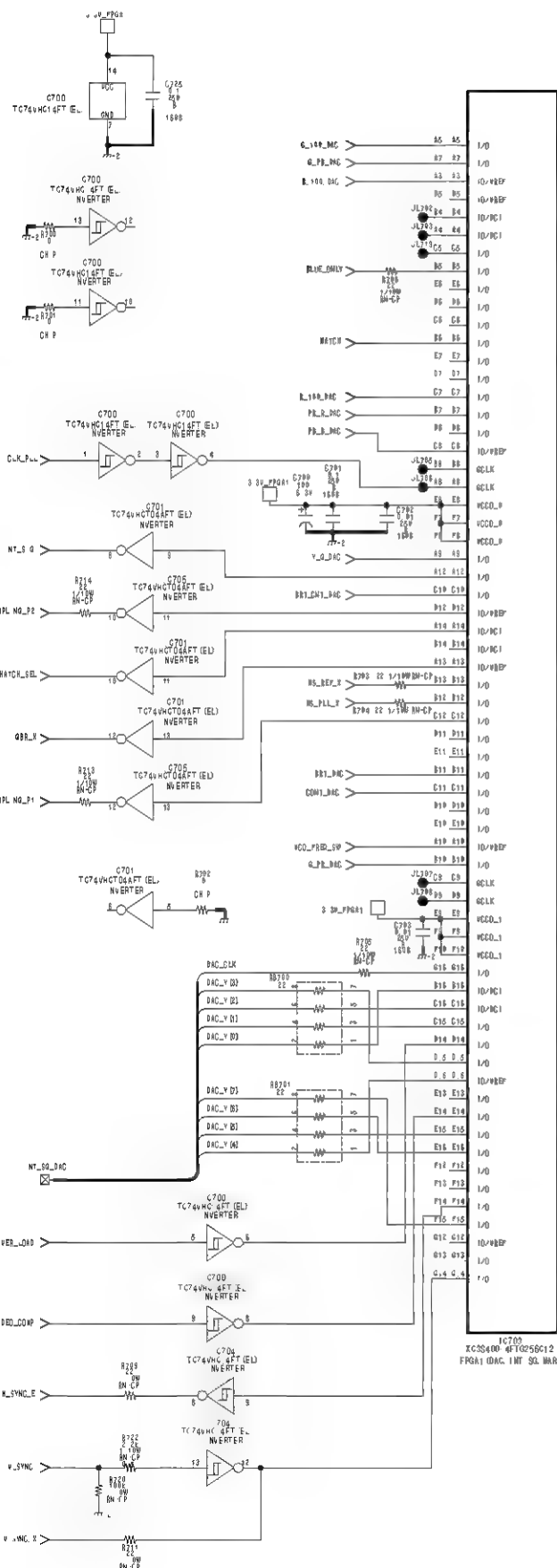
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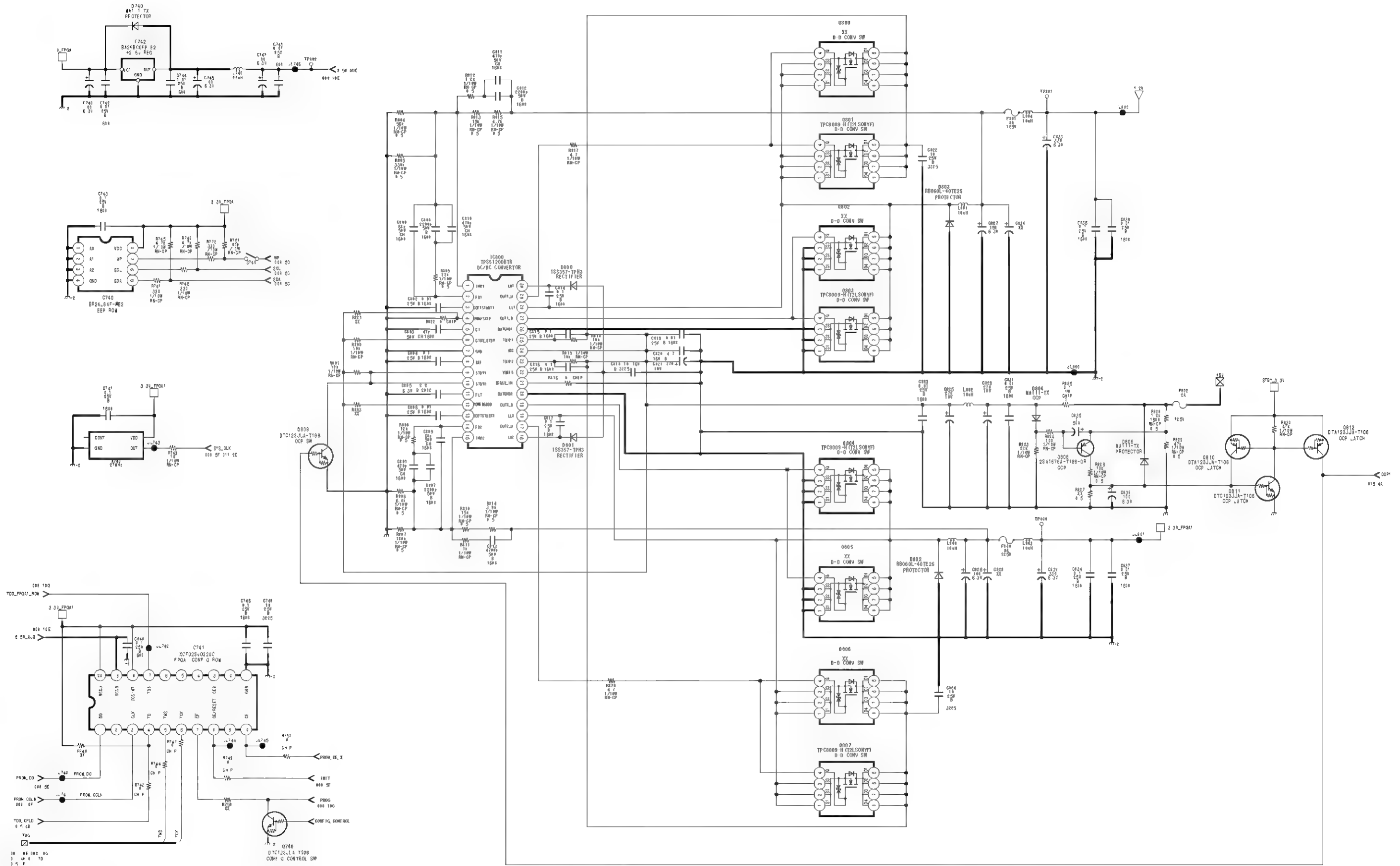




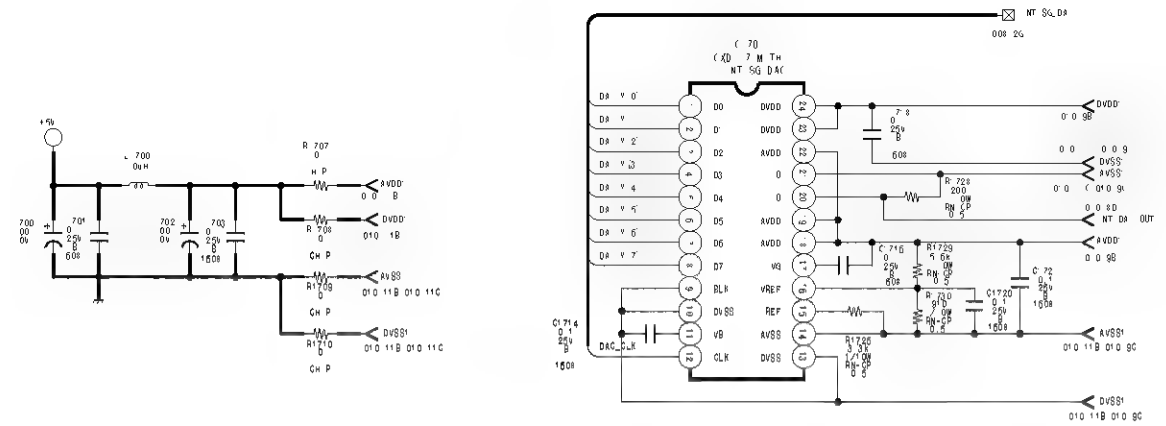


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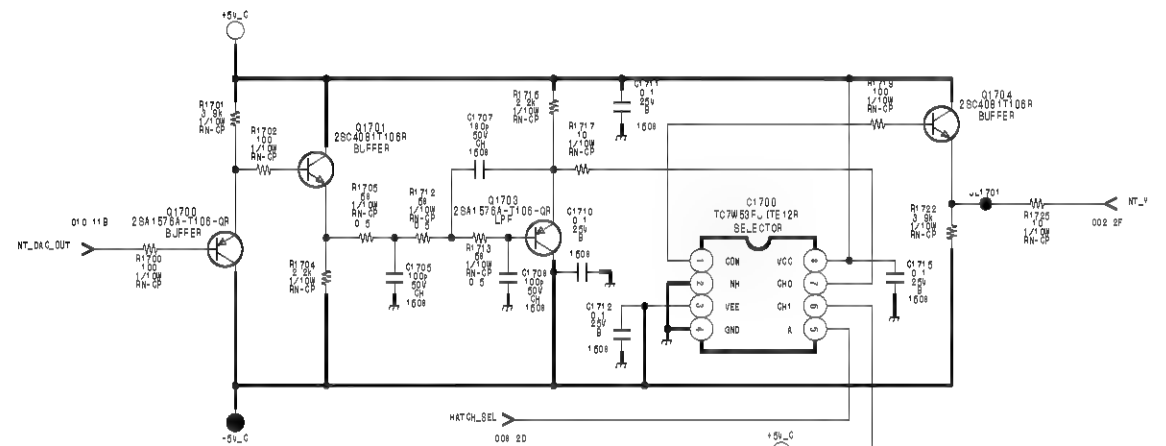




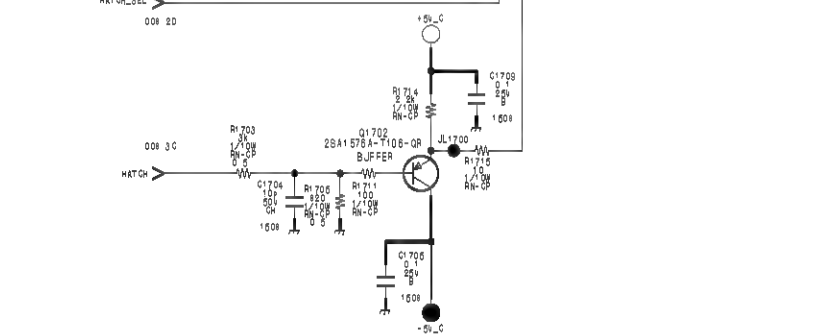
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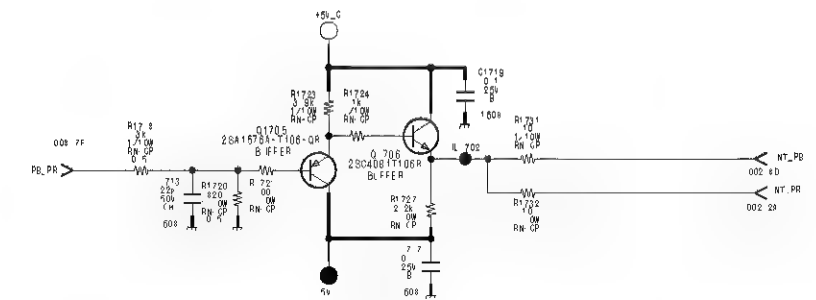
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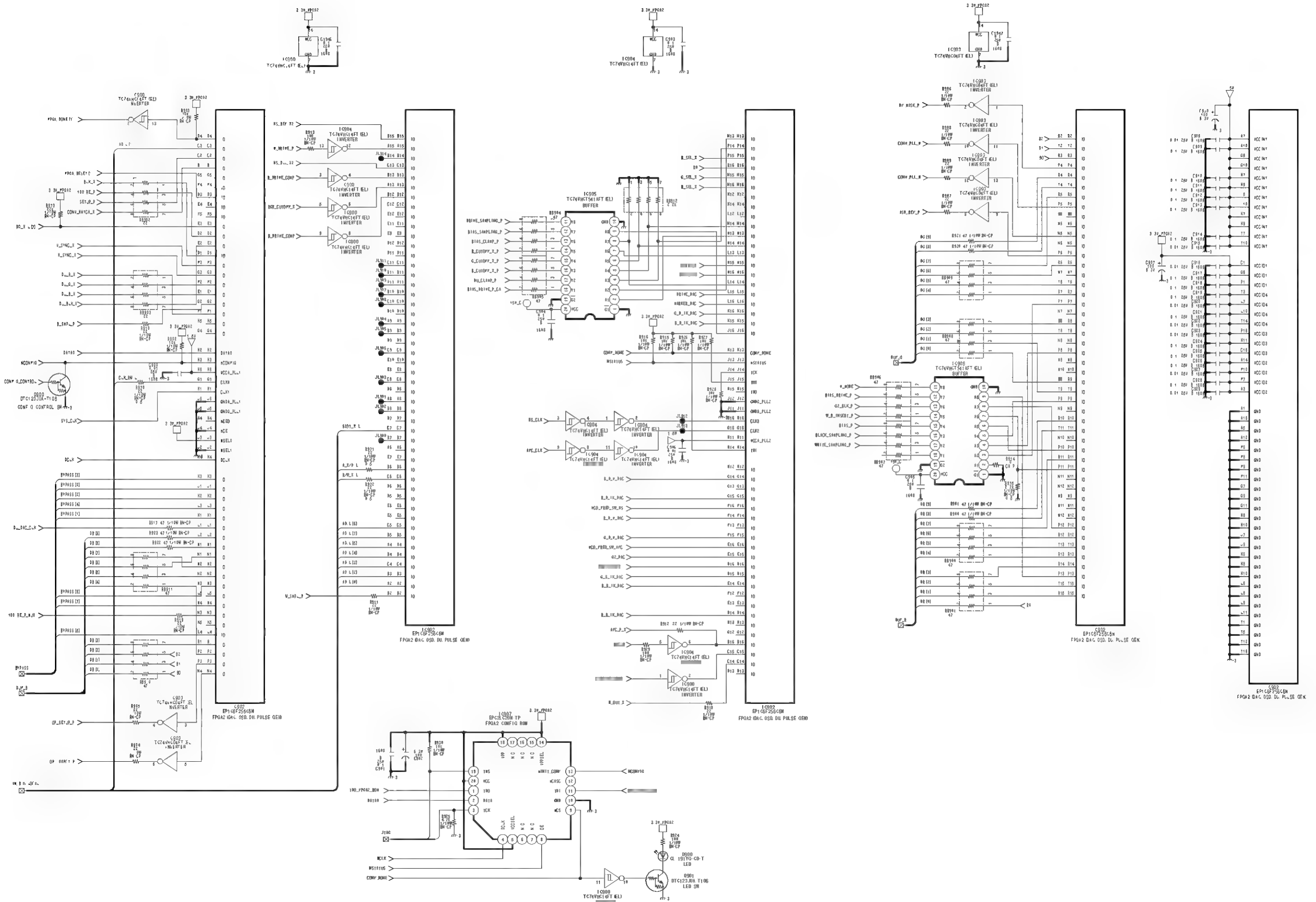


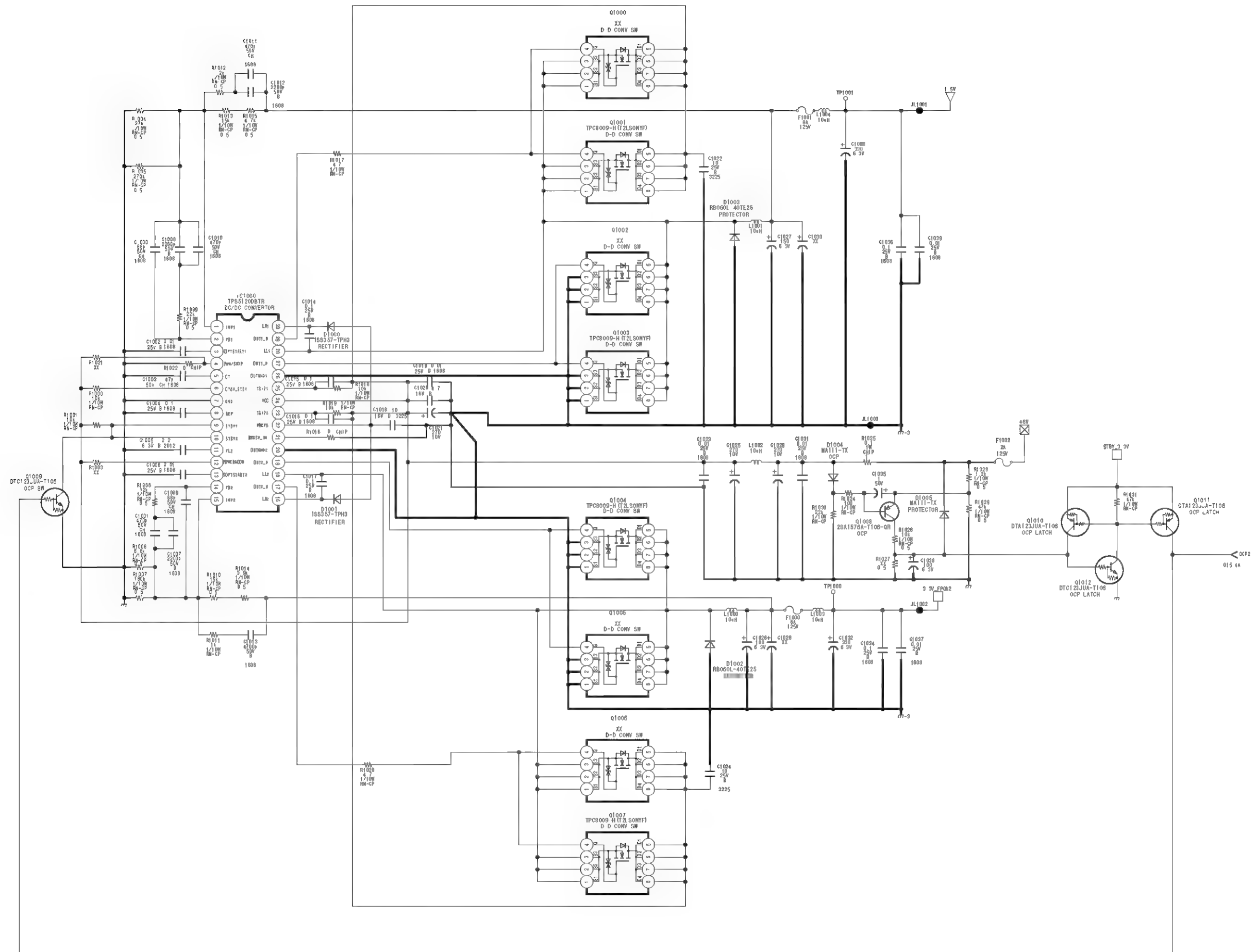
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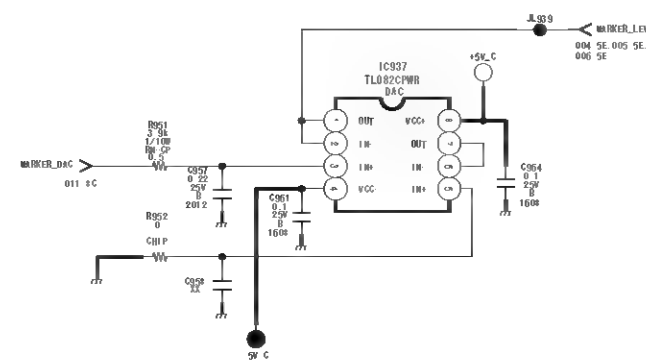
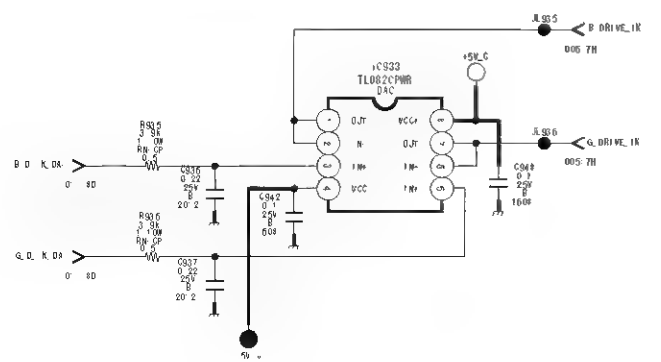
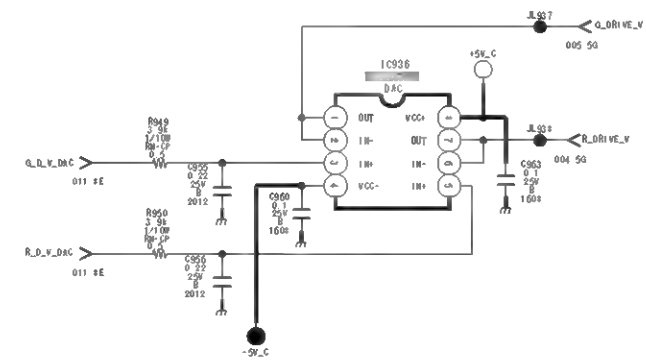
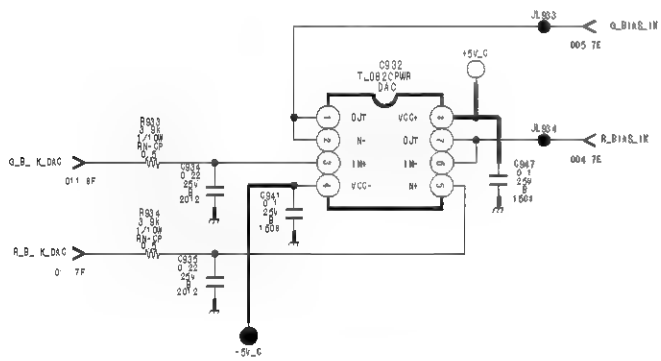
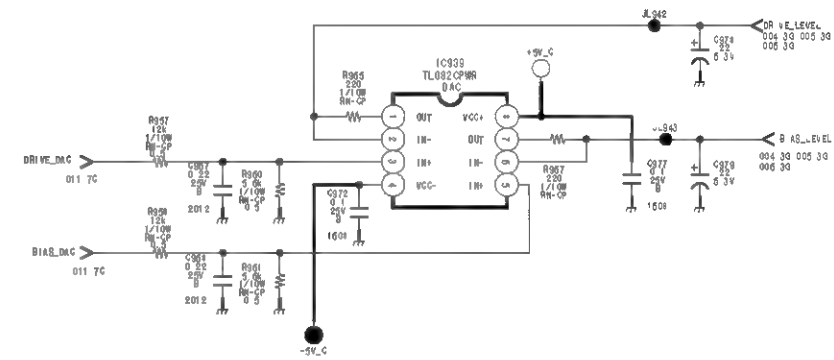
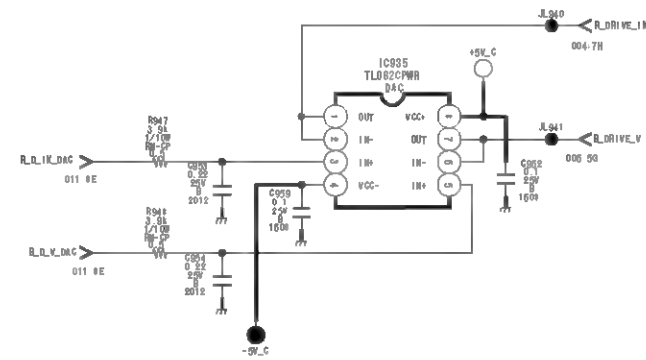
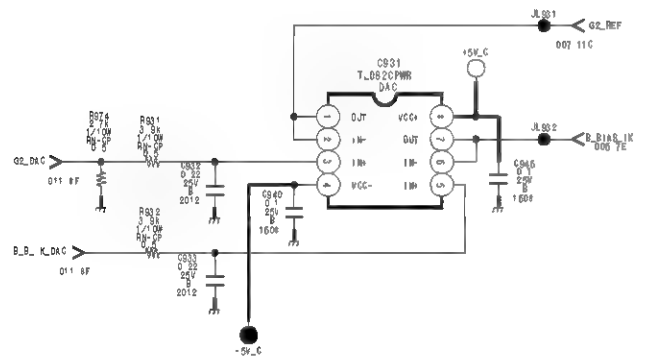
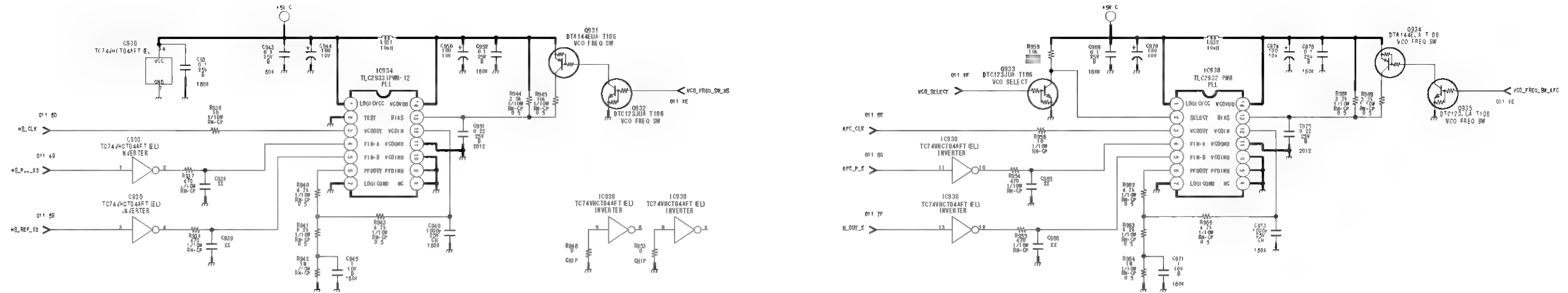


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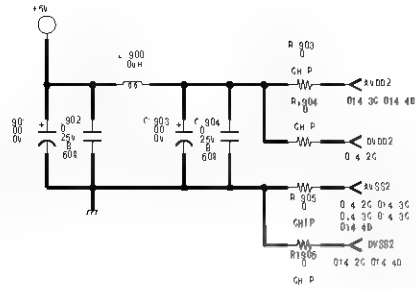




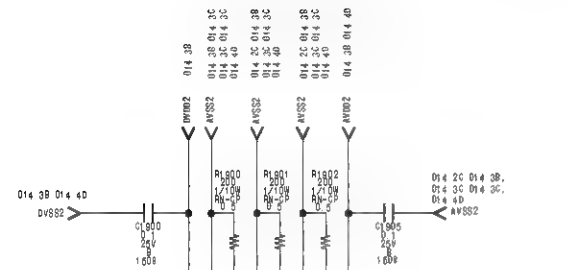




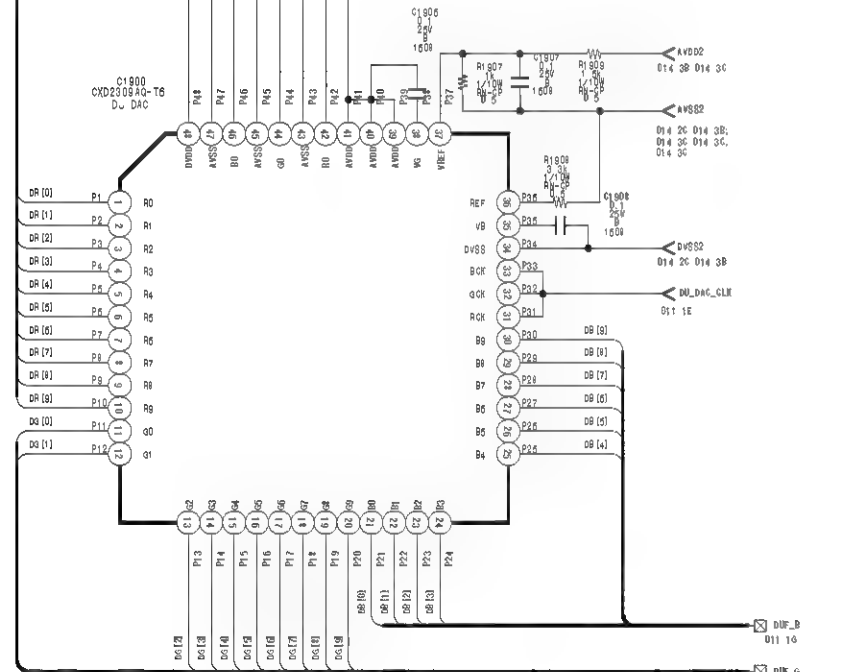
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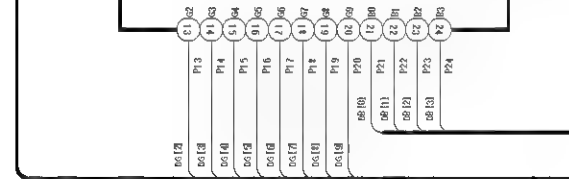
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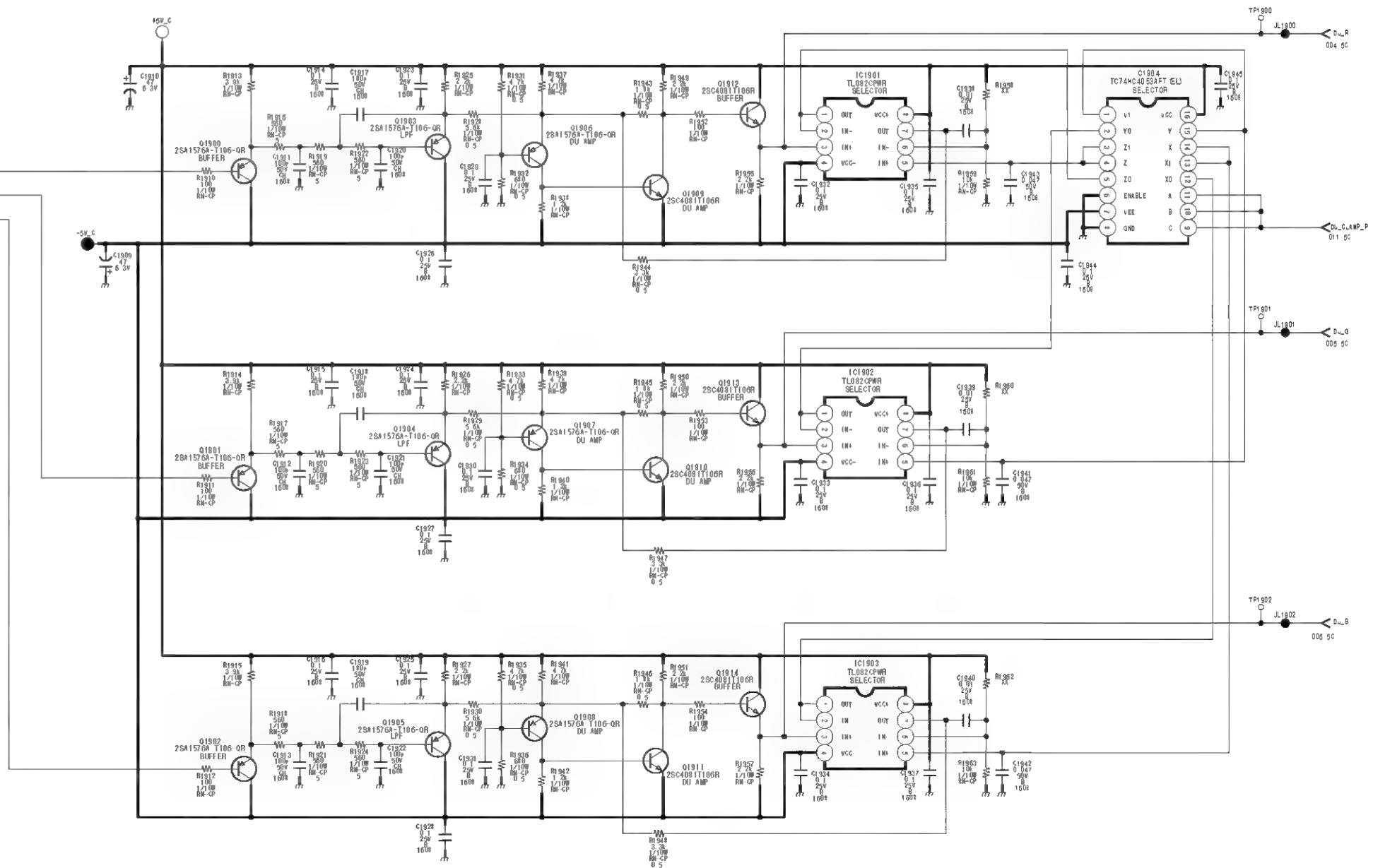
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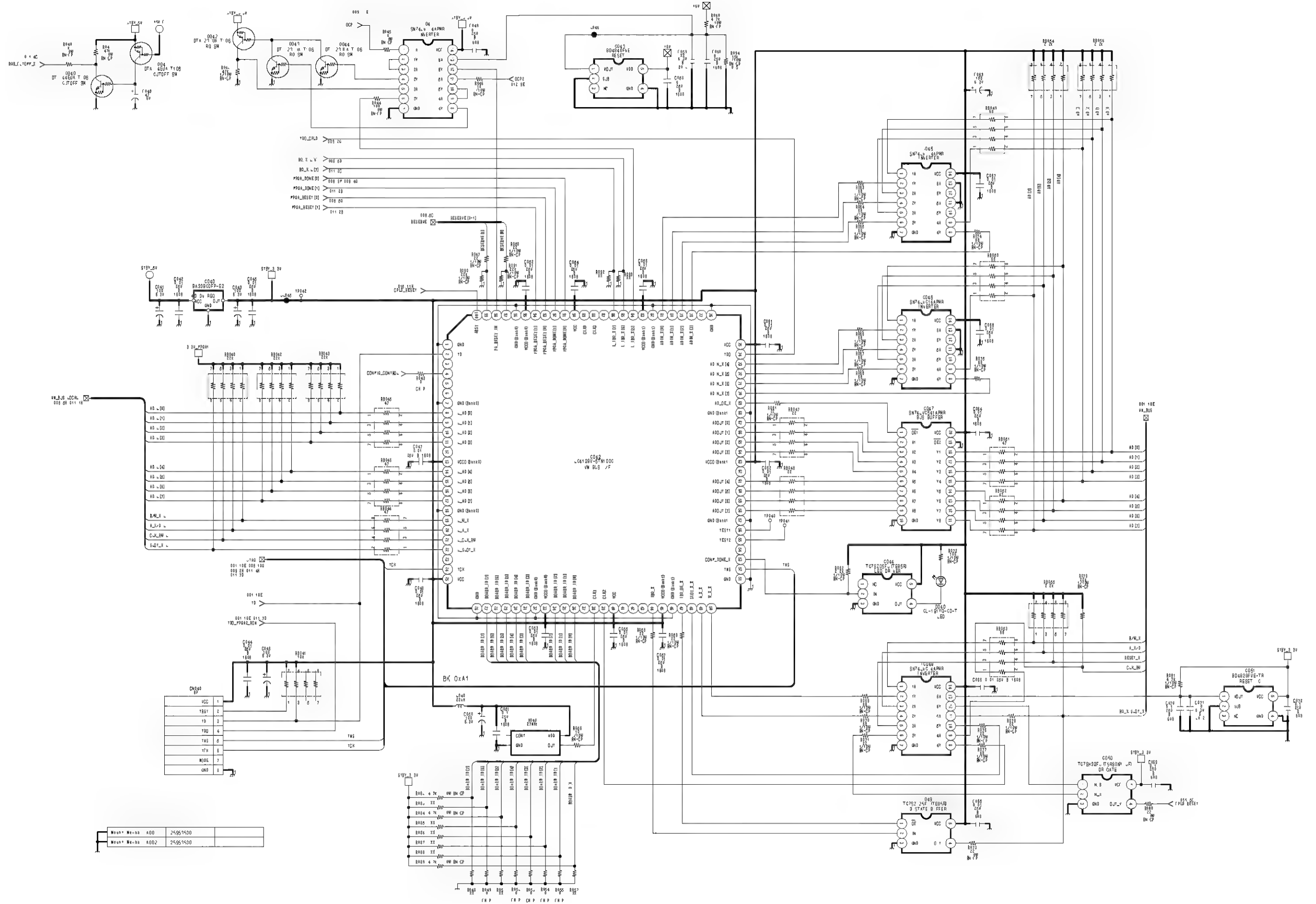
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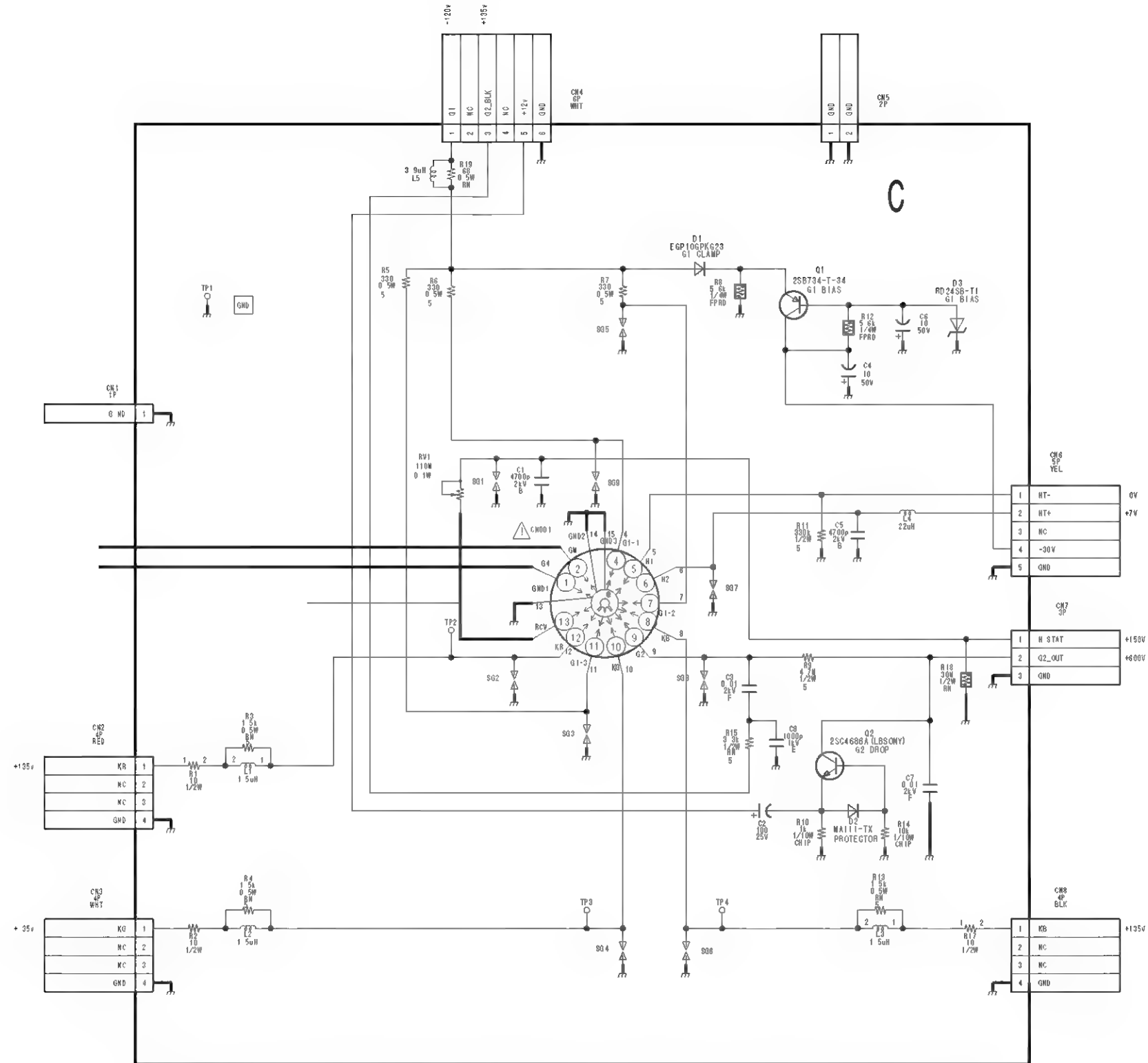


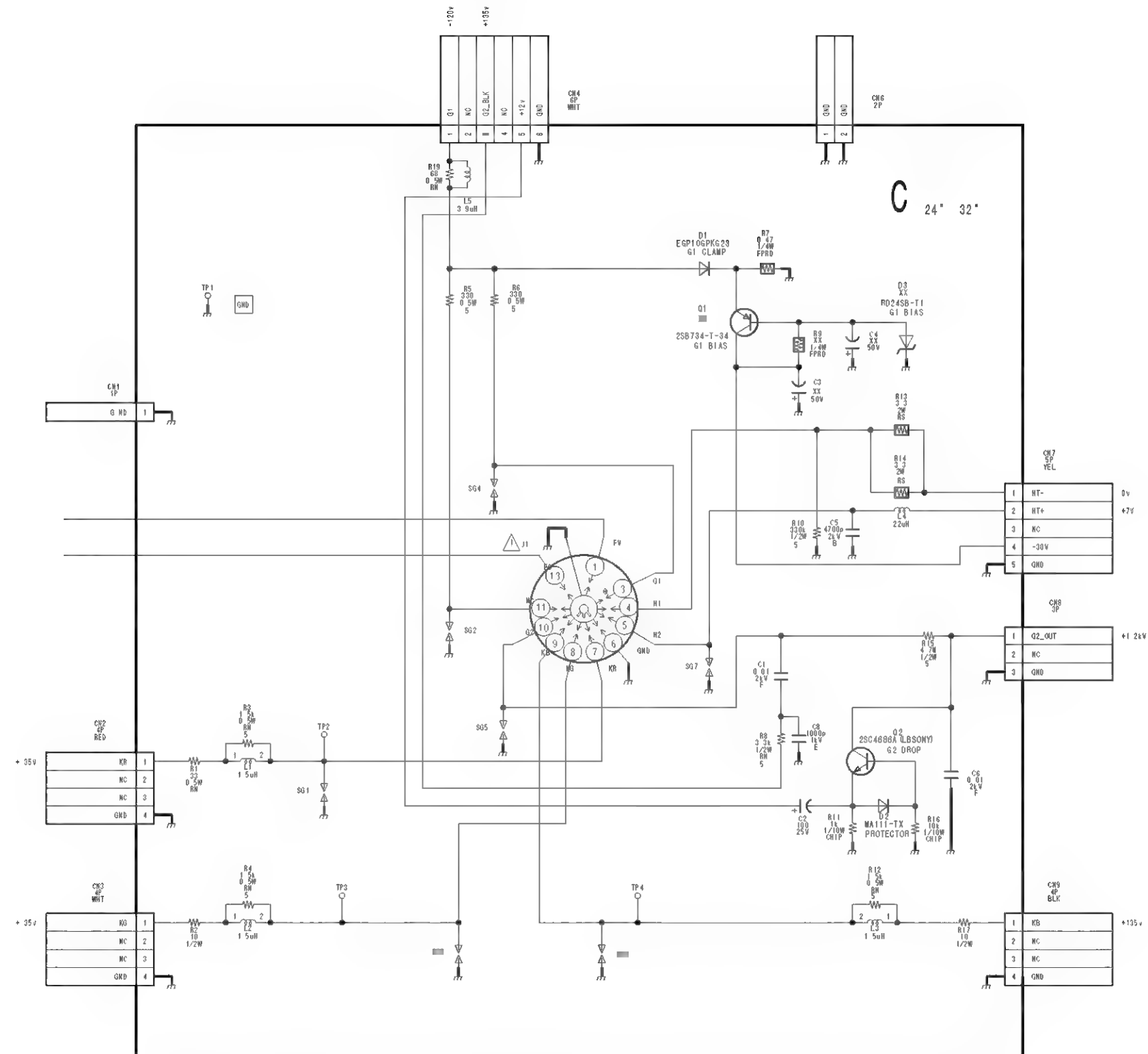
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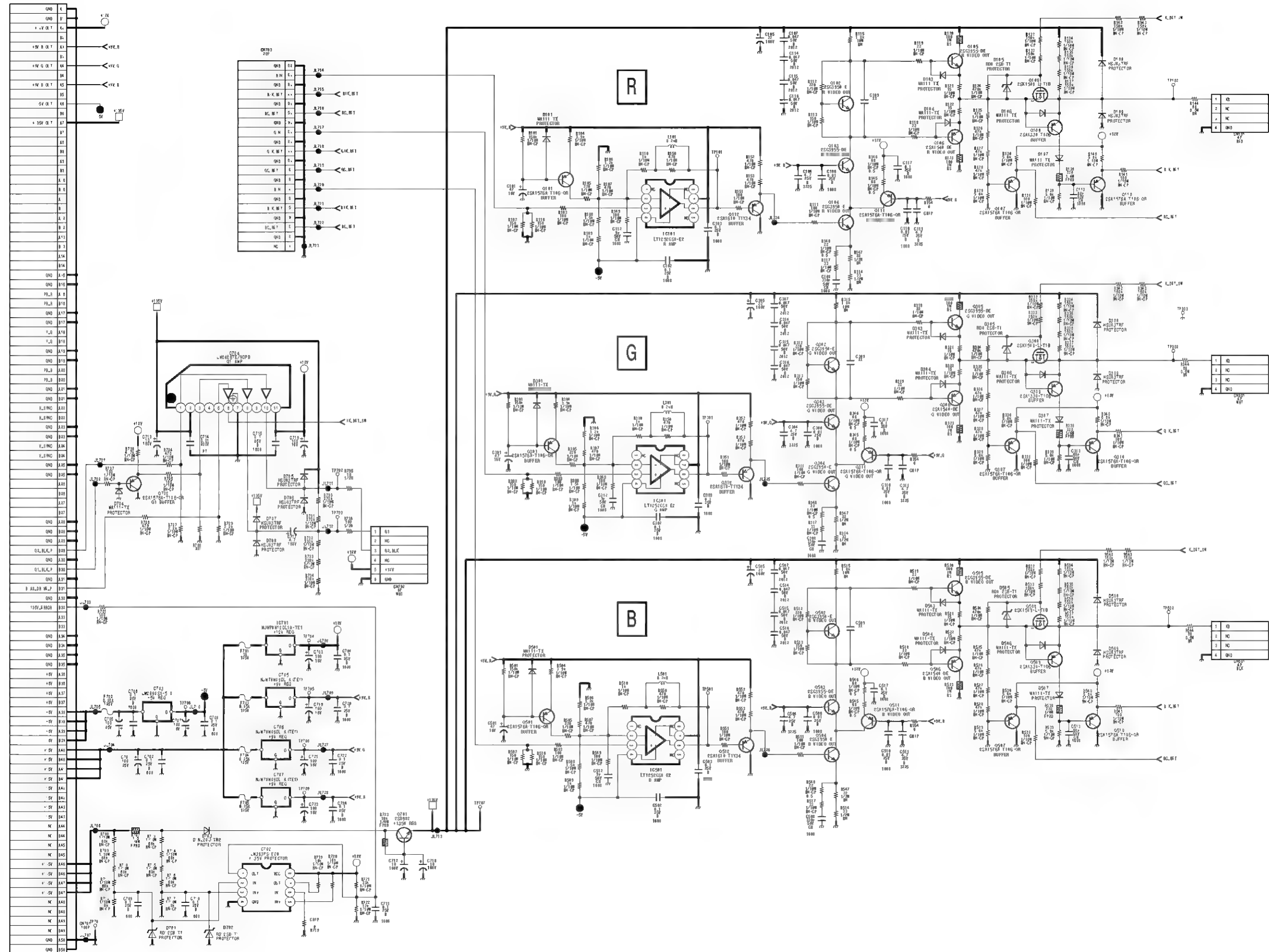


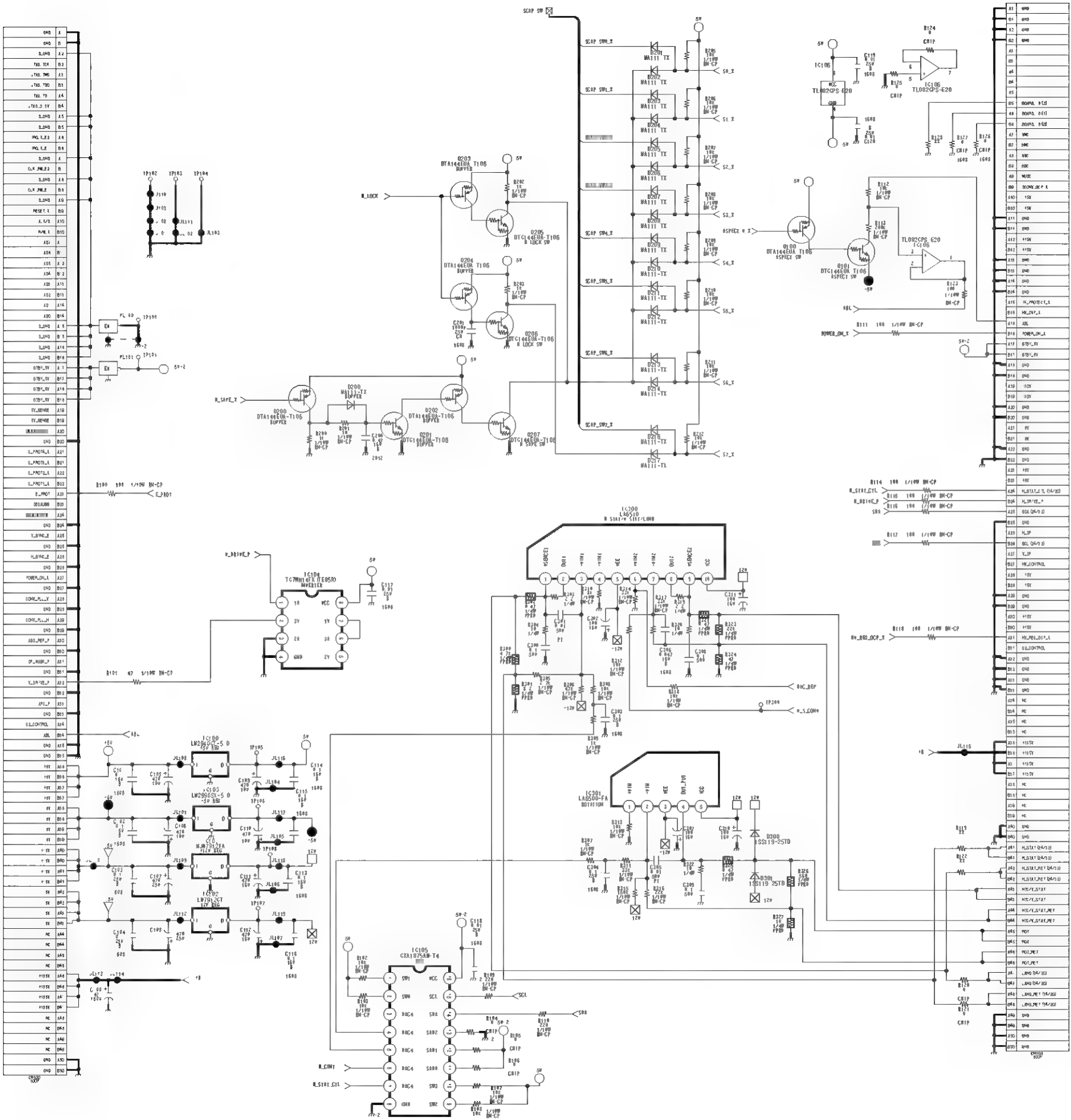


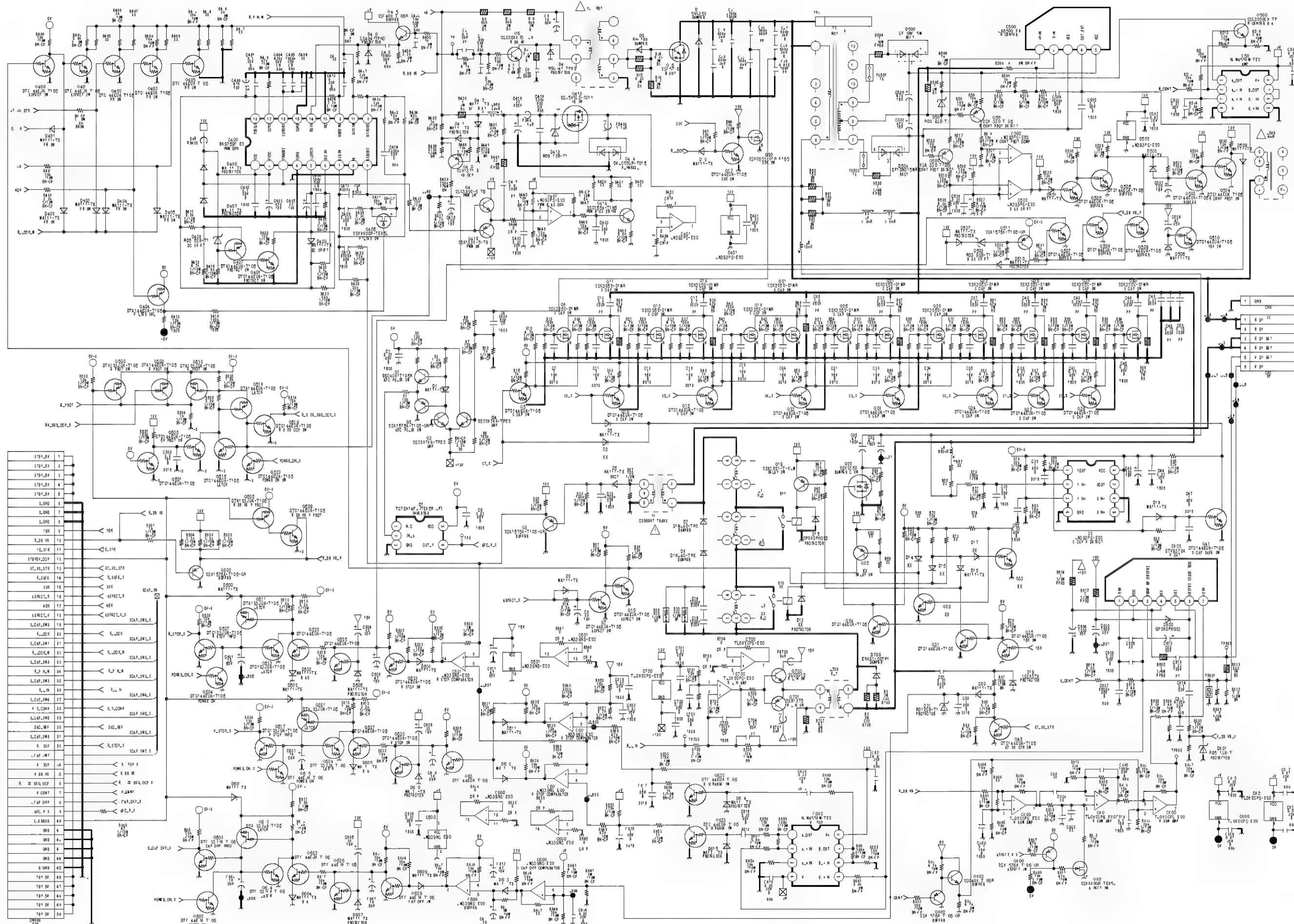


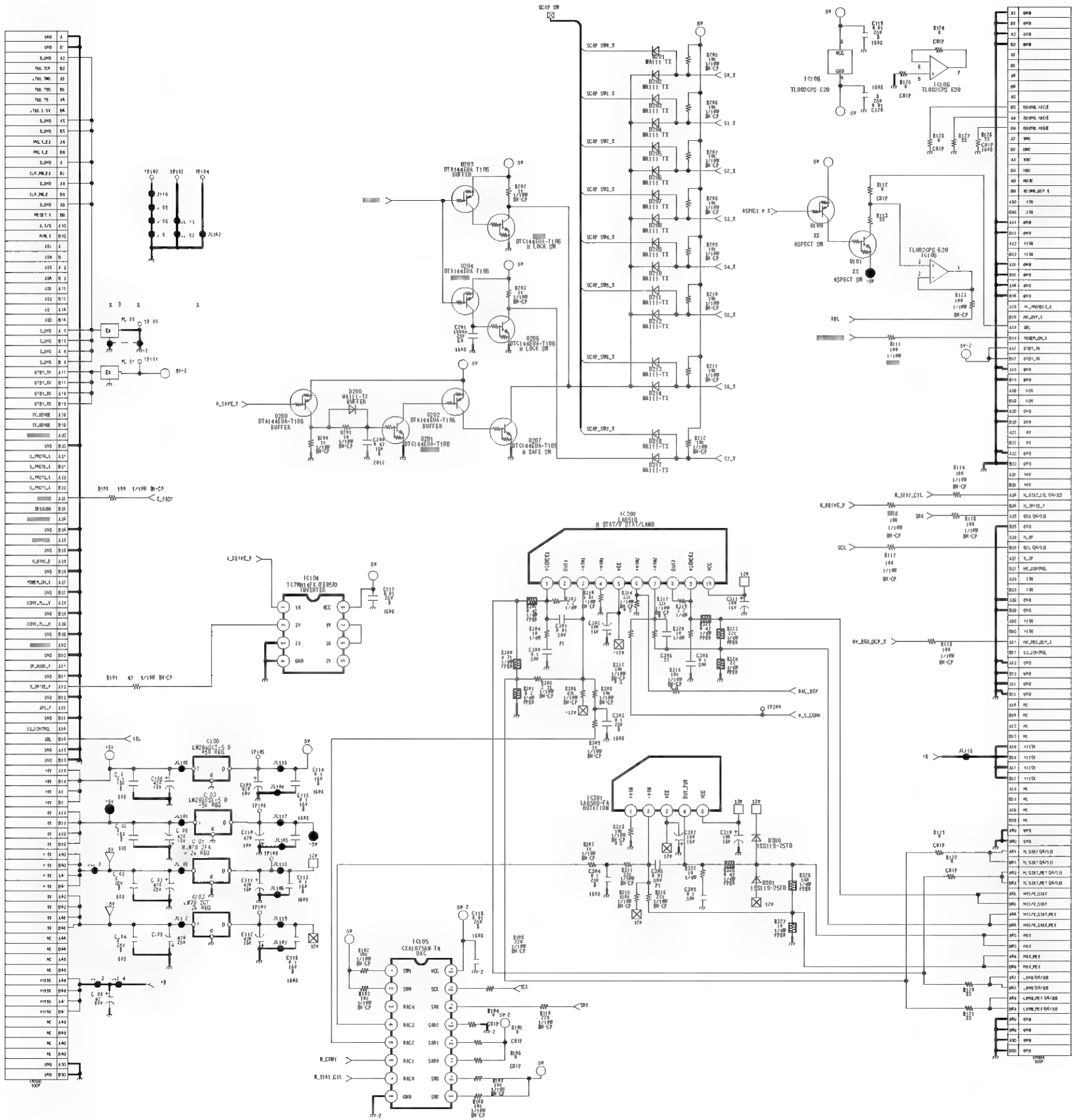






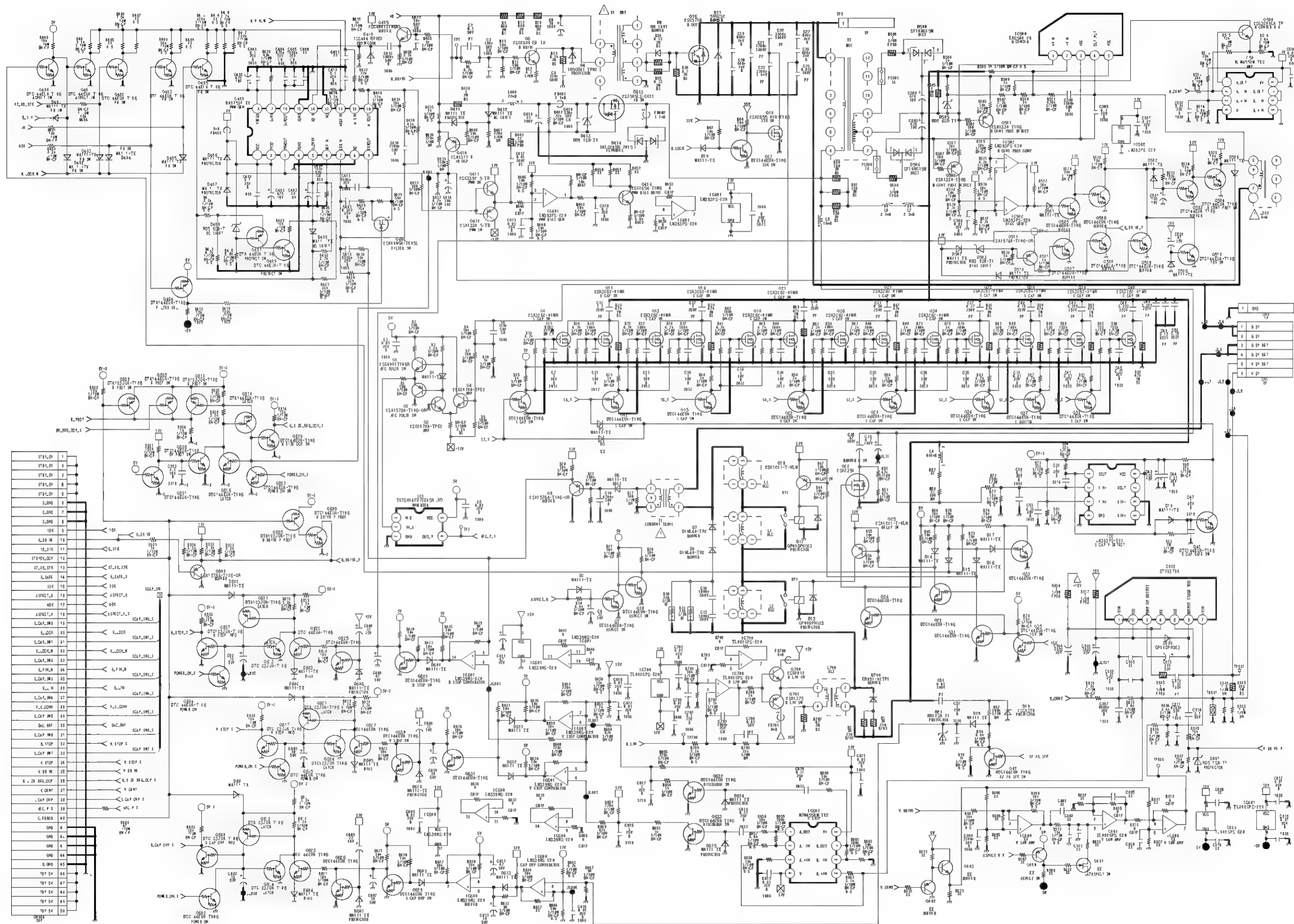




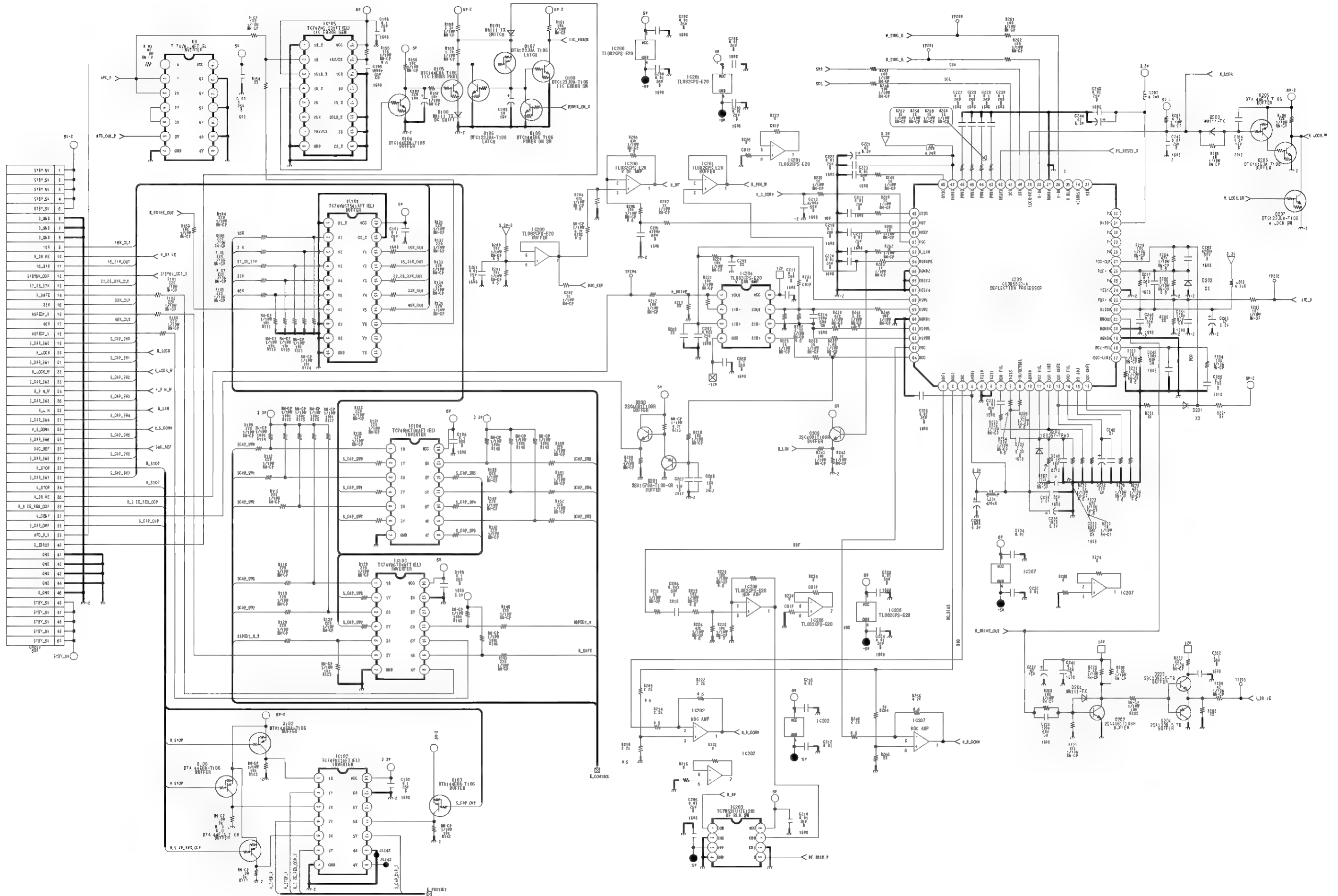


|                 |           |         |
|-----------------|-----------|---------|
| Mount Mecha A1  | 403035901 | C500    |
| Mount Mecha A2  | 403694841 | C00     |
| Mount Mecha A3  | 403694841 | C101    |
| Mount Mecha A4  | 403694841 | C102    |
| Mount Mecha A5  | 404240802 |         |
| Mount Mecha A6  | 405079602 |         |
| Mount Mecha A7  | 405079602 |         |
| Mount Mecha A8  | 407271701 | Q8.11   |
| Mount Mecha A9  | 407271701 | Q13.14  |
| Mount Mecha A10 | 407271701 | Q18.21  |
| Mount Mecha A11 | 407271701 | Q28.27  |
| Mount Mecha A12 | 407271701 | Q30.32  |
| Mount Mecha A13 | 407271701 | Q38.38  |
| Mount Mecha A14 | 436180731 | Q700    |
| Mount Mecha A15 | 436180731 | Q701    |
| Mount Mecha A16 | 436180751 | Q40     |
| Mount Mecha A17 | X40331084 |         |
| Mount Mecha A18 | 406161101 | XX C300 |
| Mount Mecha A19 | 403694841 | R57     |
| Mount Mecha A20 | 403694841 | R58     |









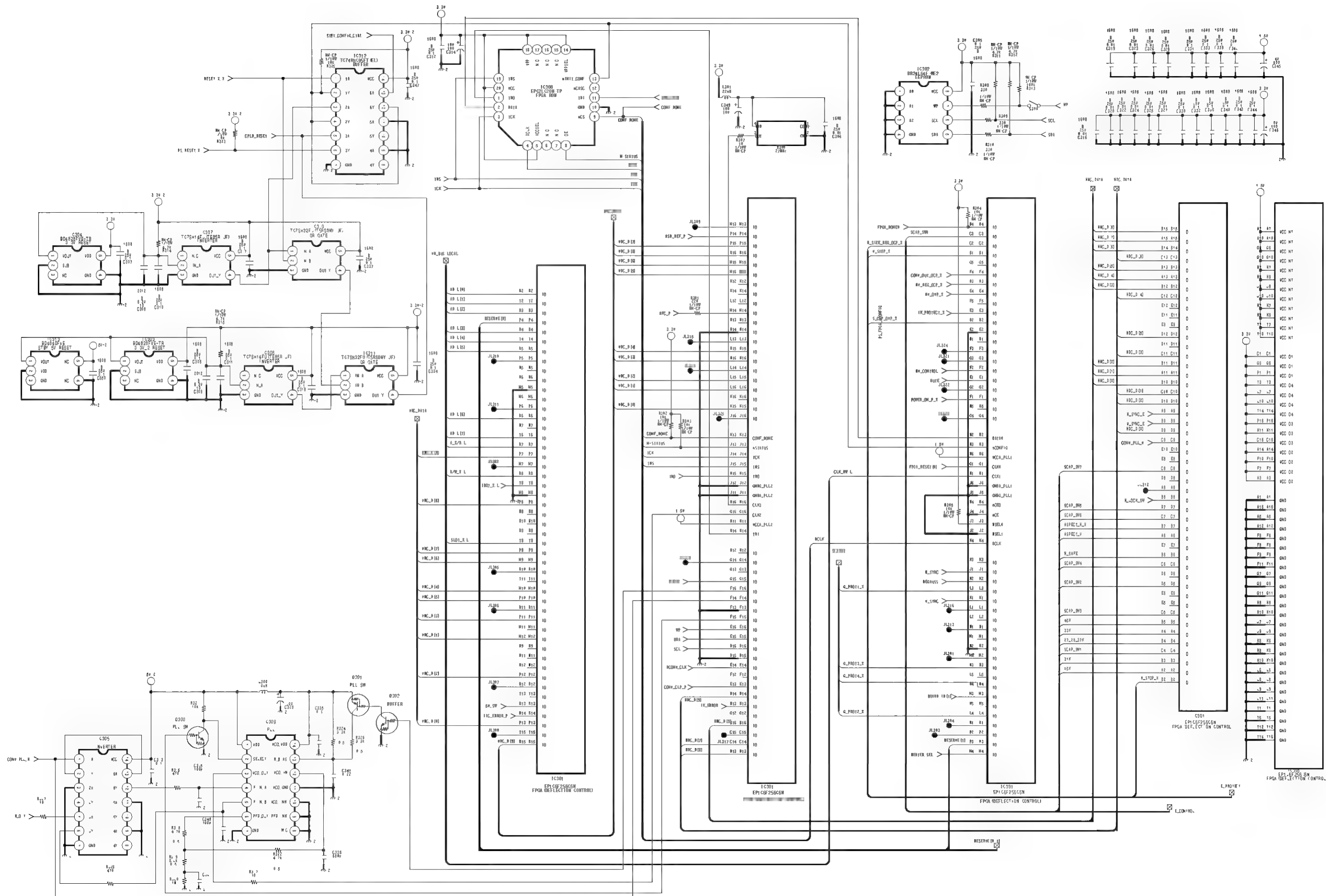
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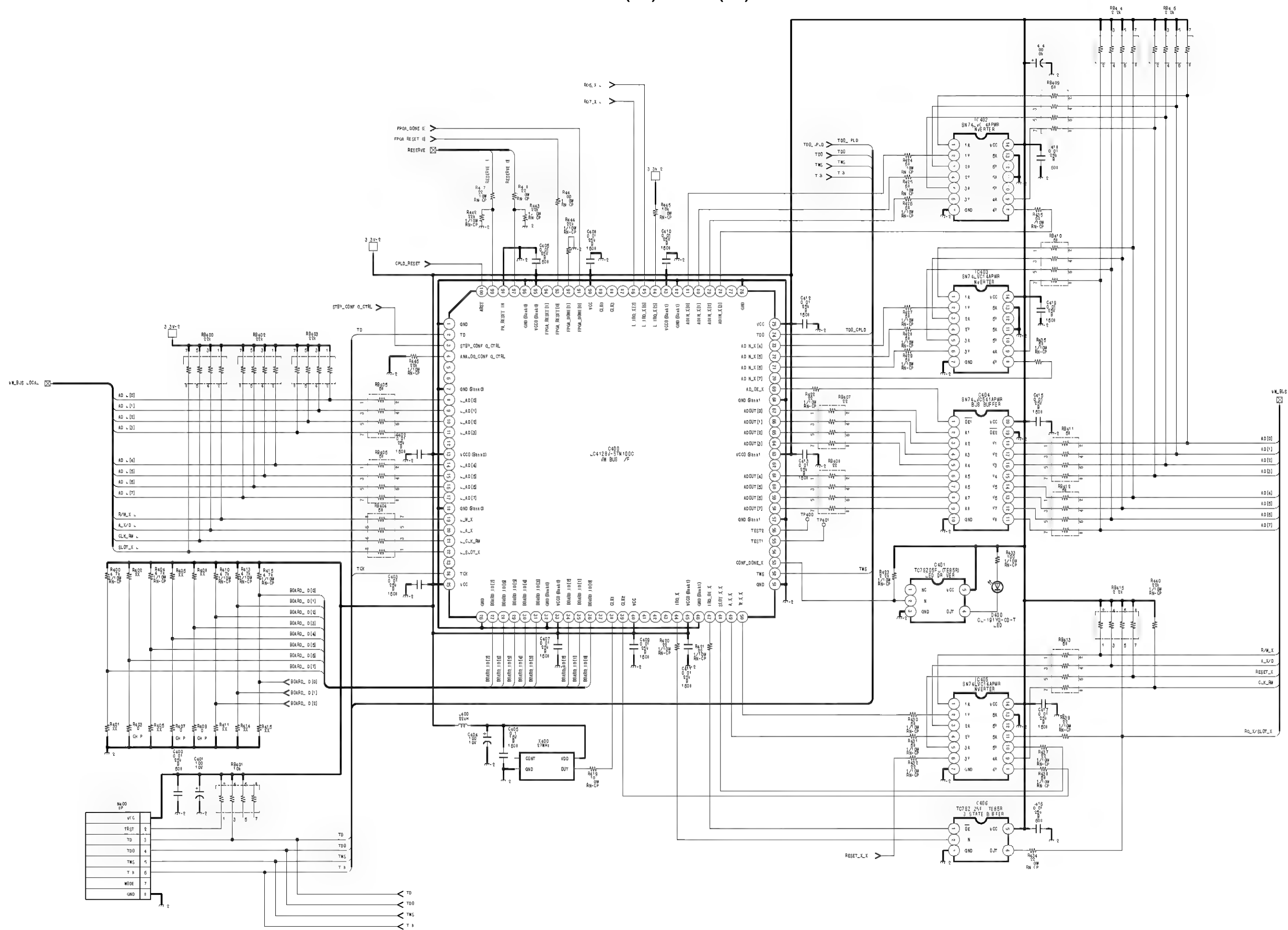
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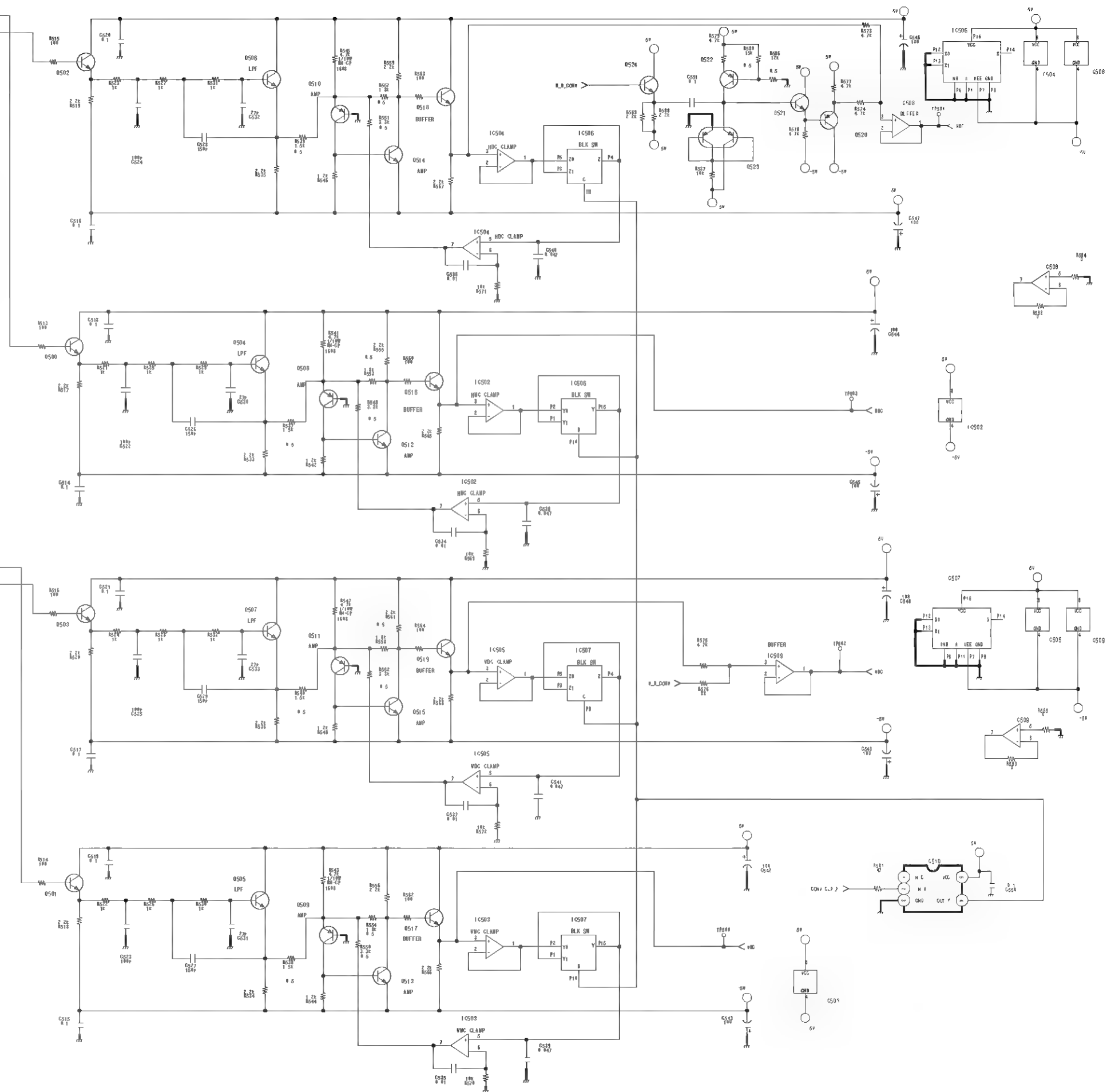
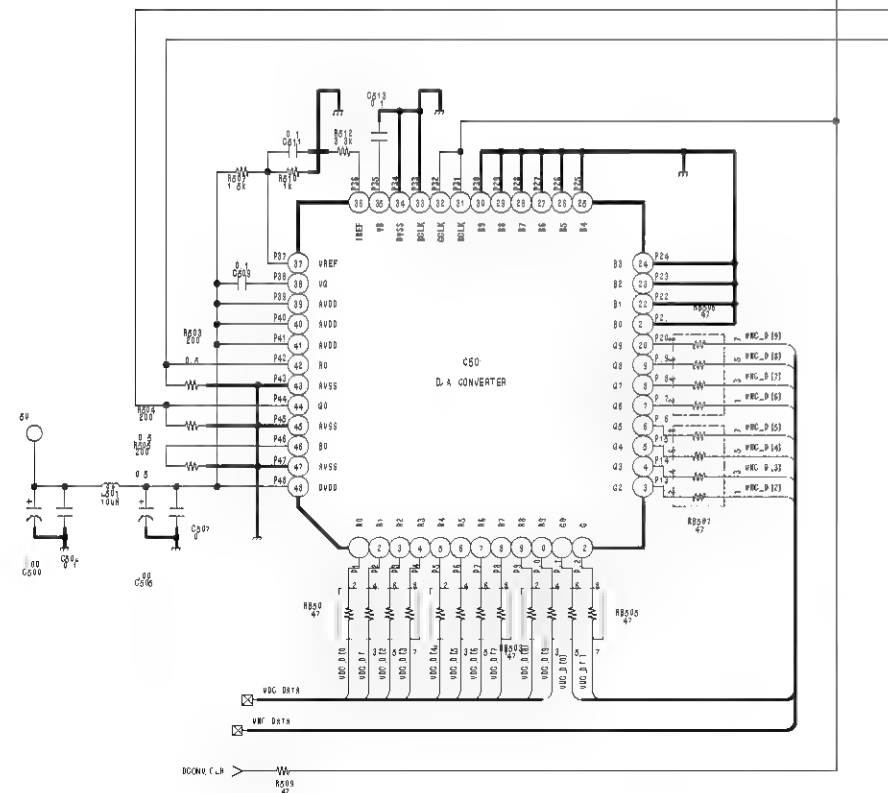
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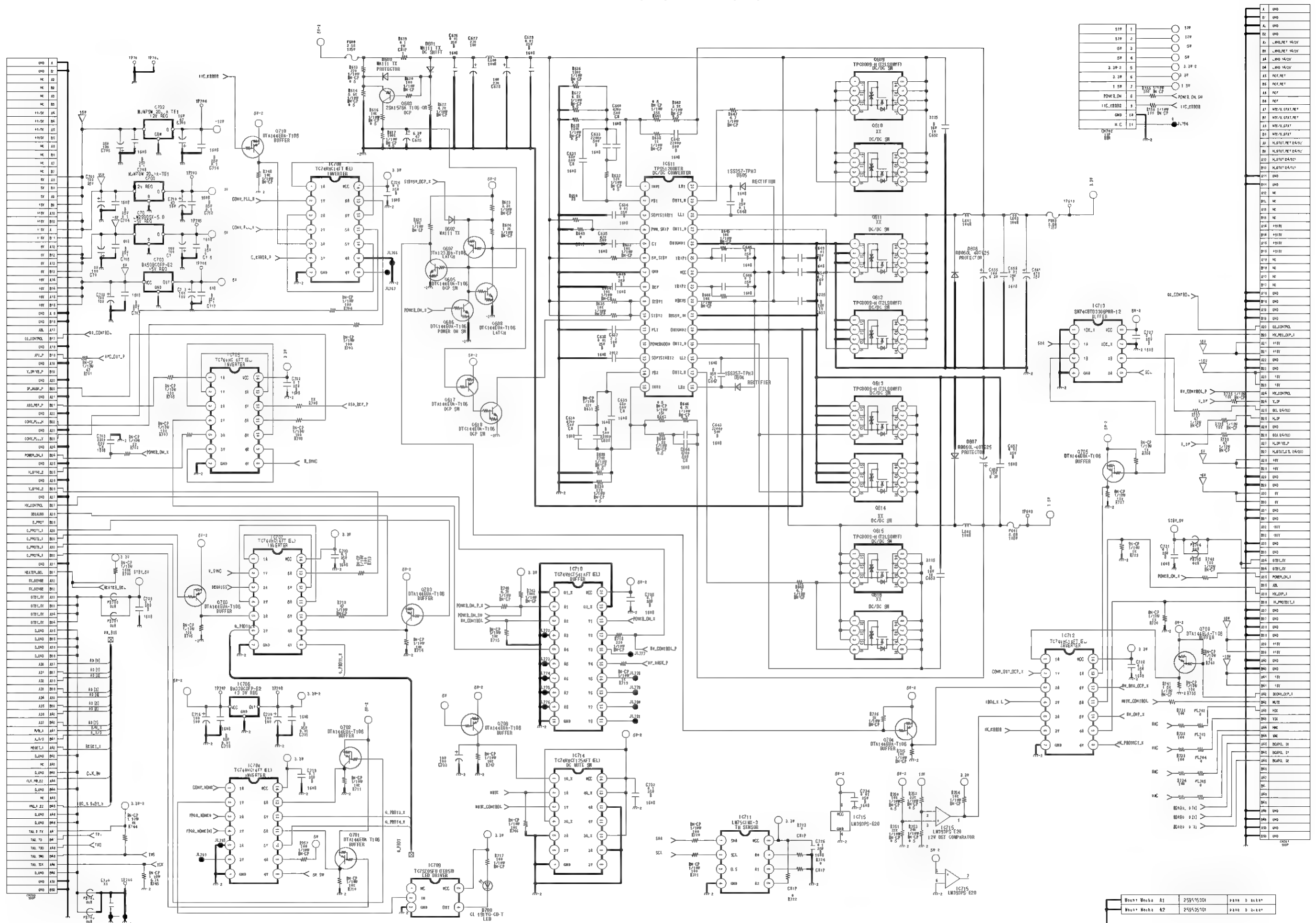
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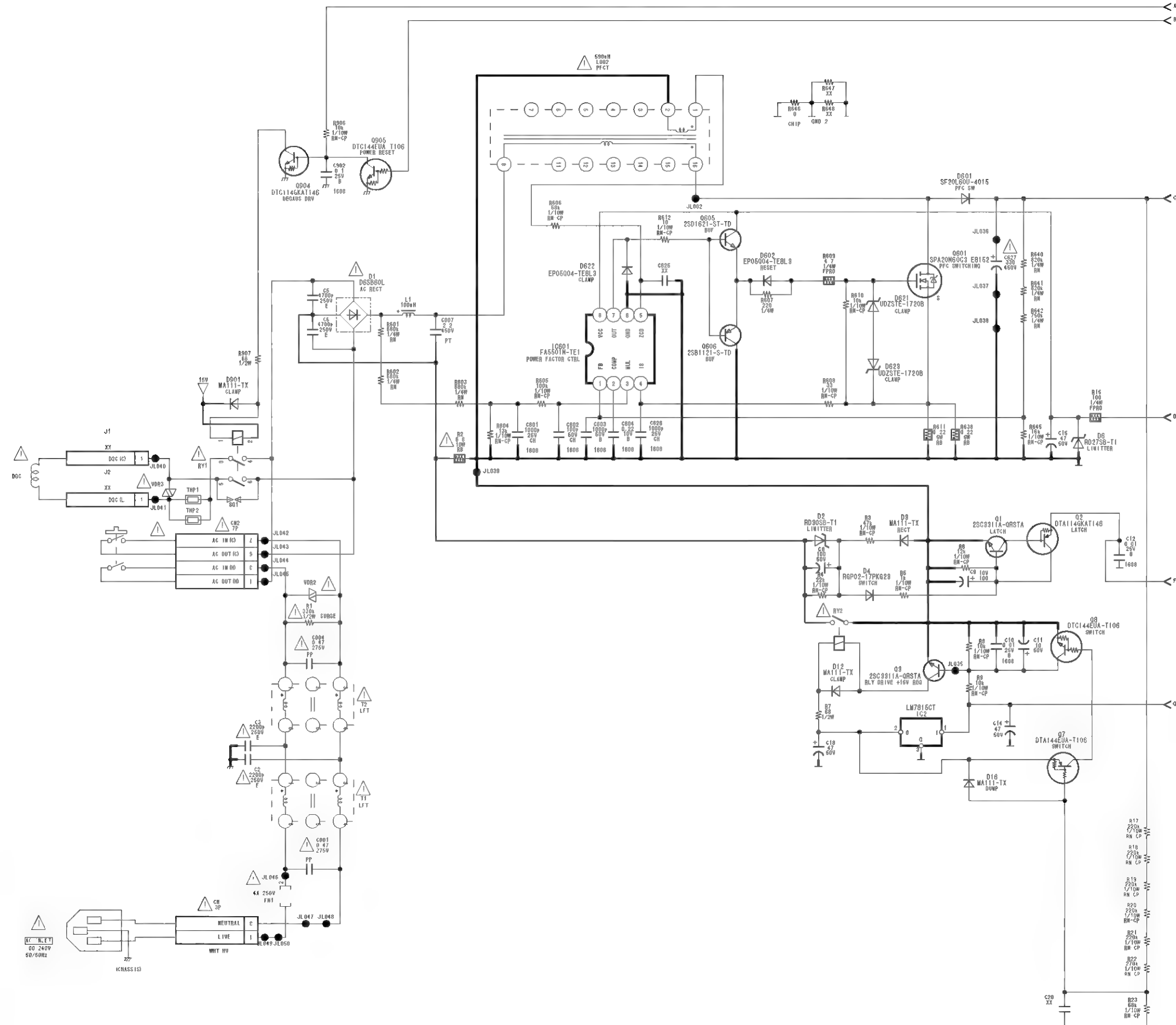
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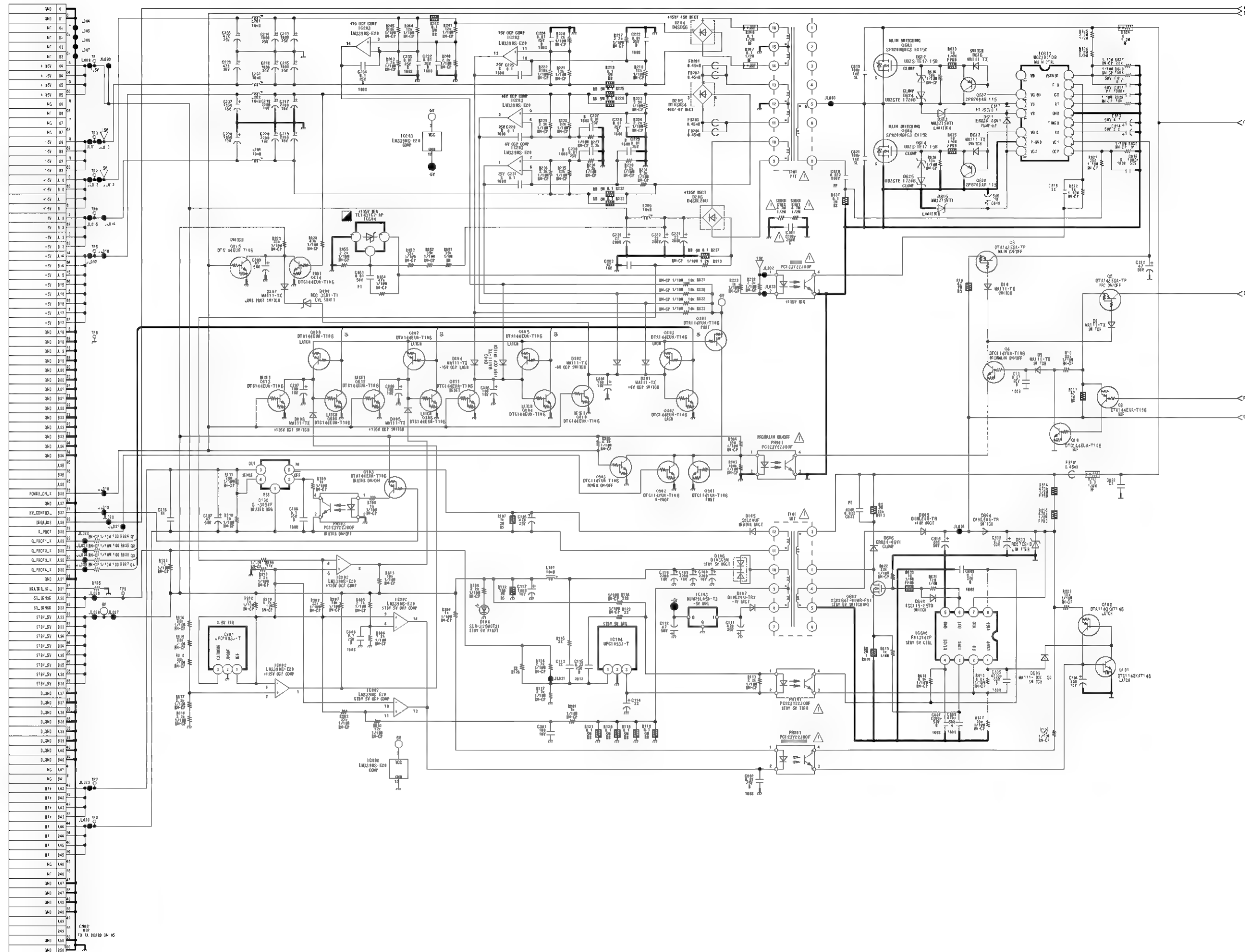


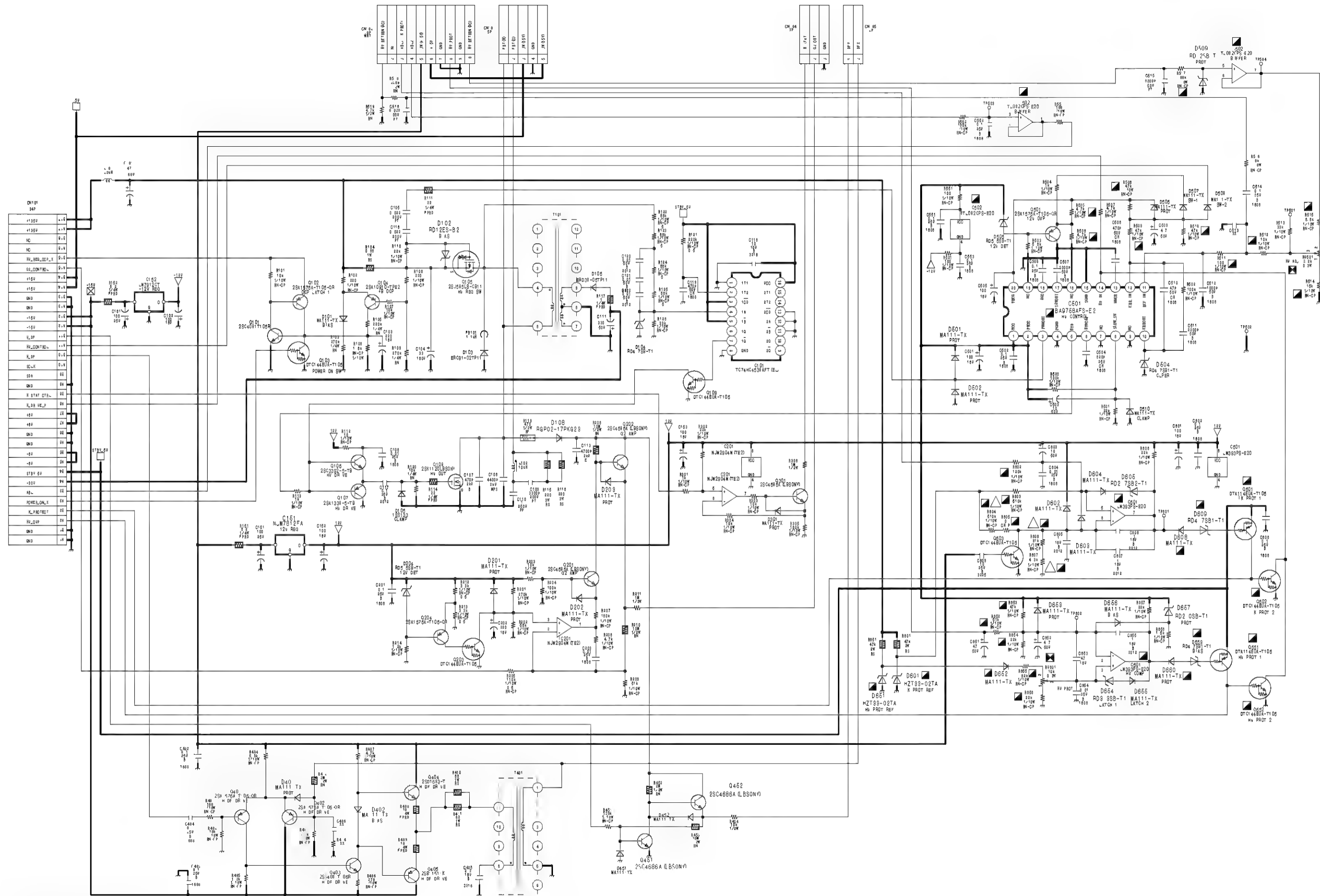








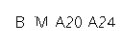




|       |       |      |           |      |
|-------|-------|------|-----------|------|
| Mount | Wc-b3 | p002 | 340343062 | 0 08 |
| Mount | Wc-b3 | p003 | 4036949   | 0404 |
| Mount | Wc-b3 | p004 | 4036949   | 0405 |



**PA (BVM-A24) (1/2)**



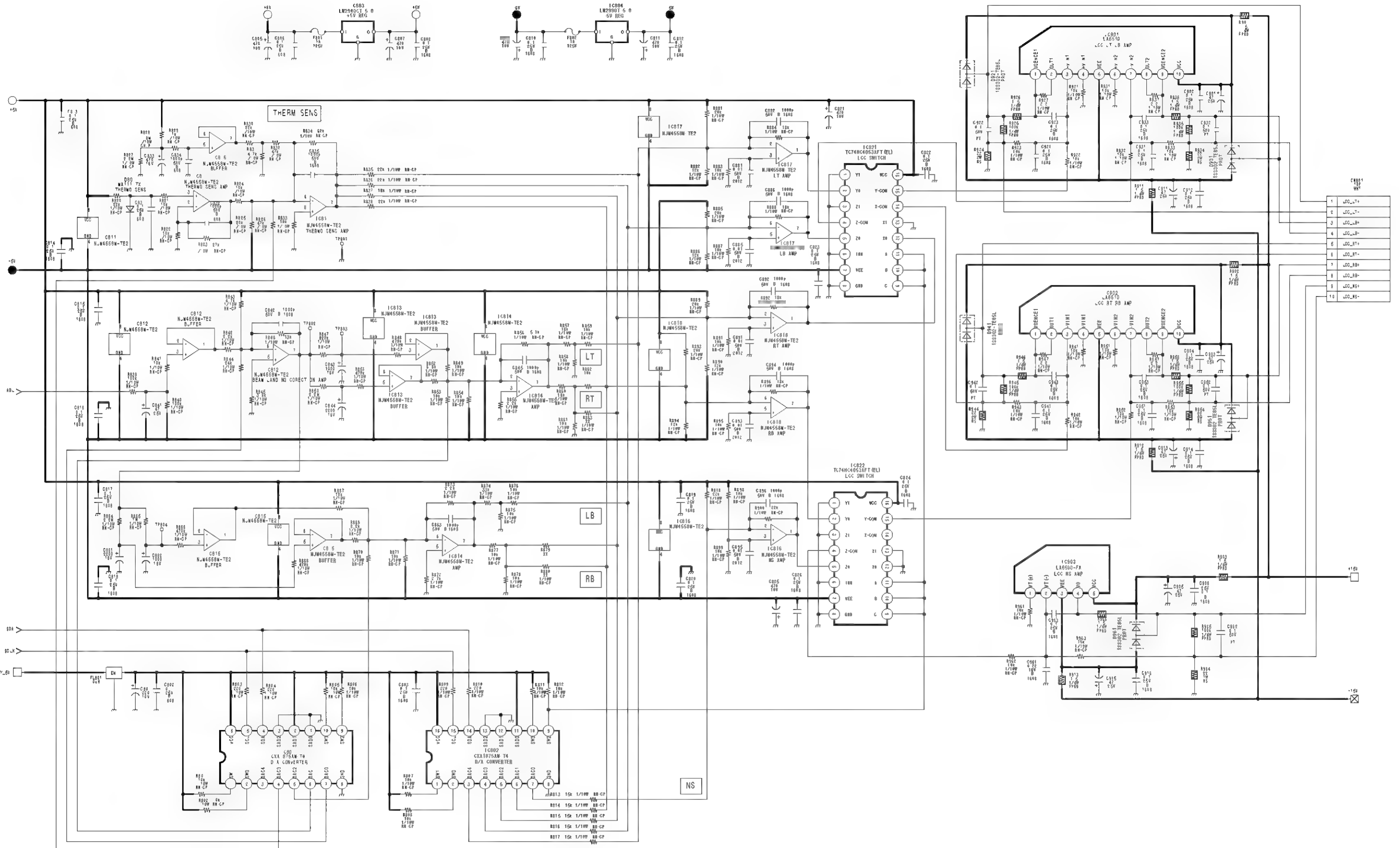
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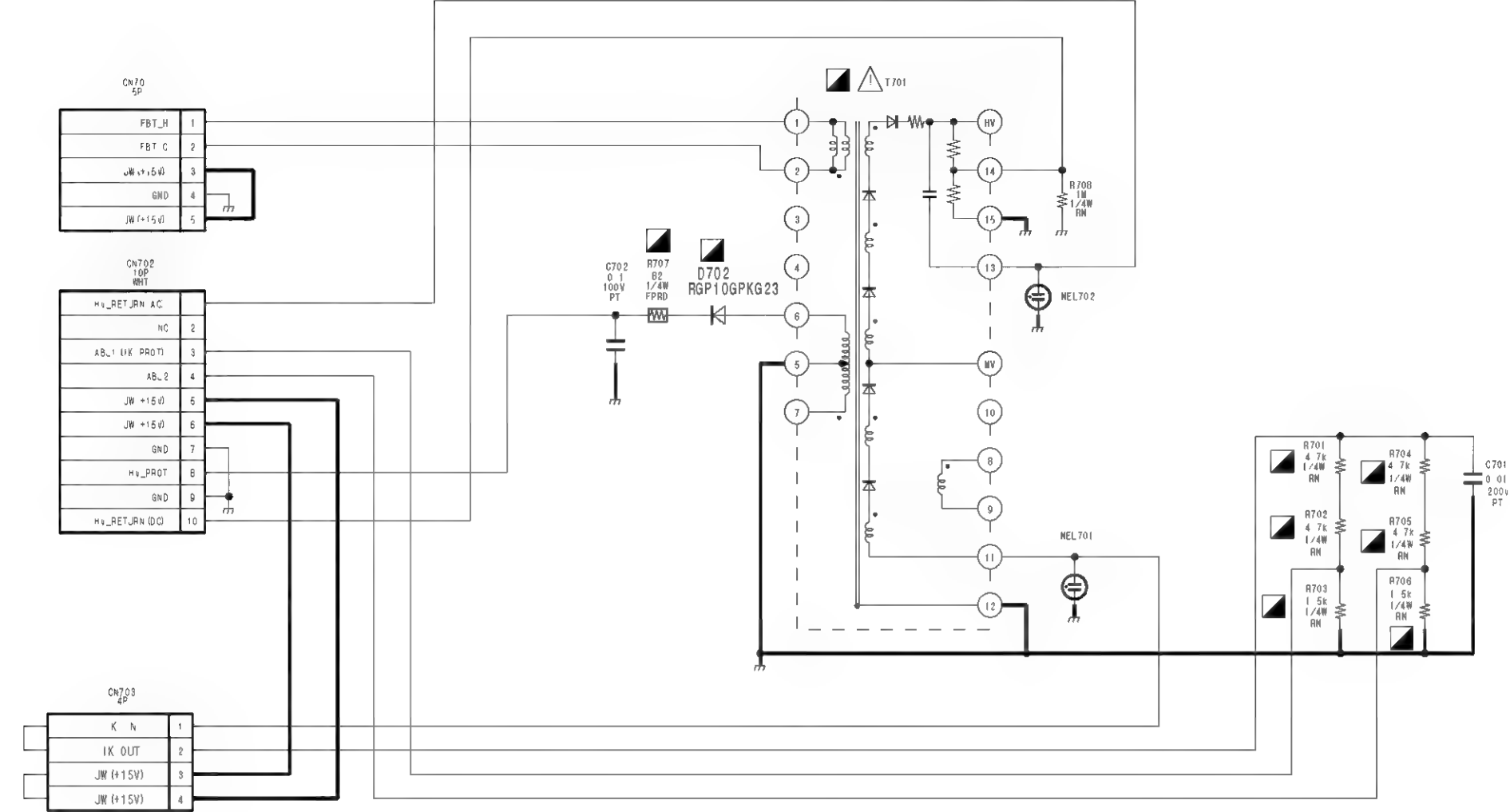
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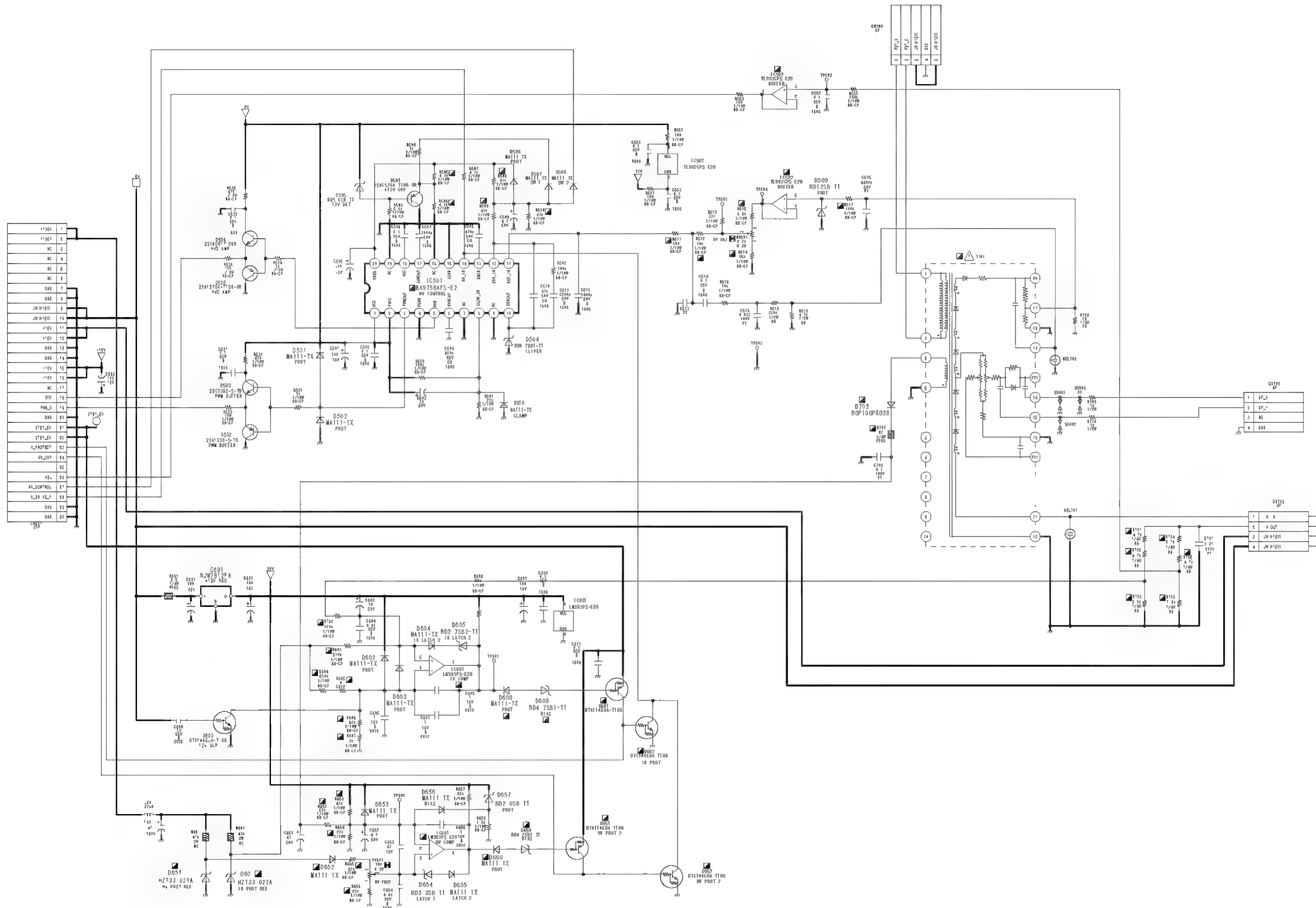
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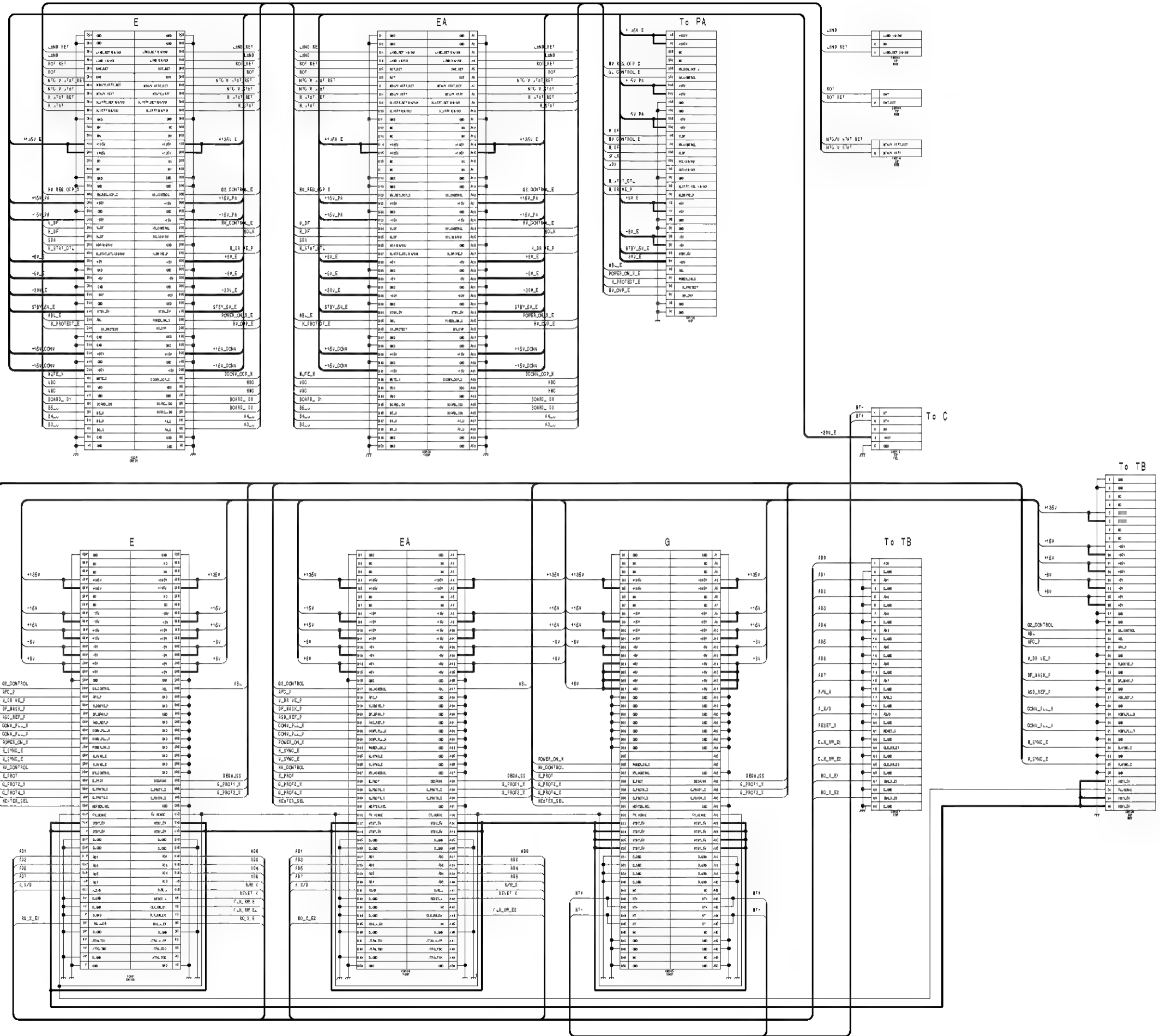
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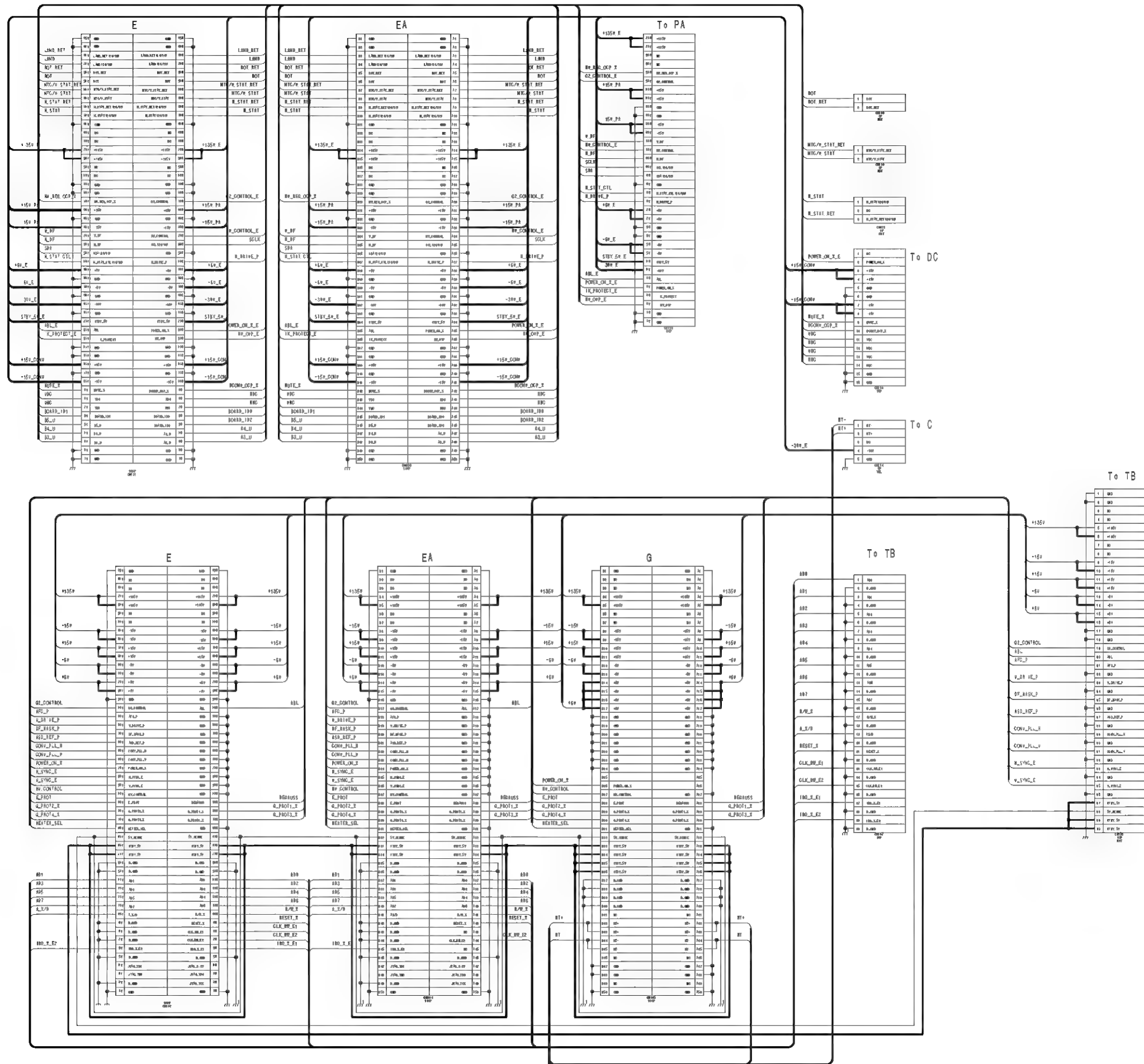


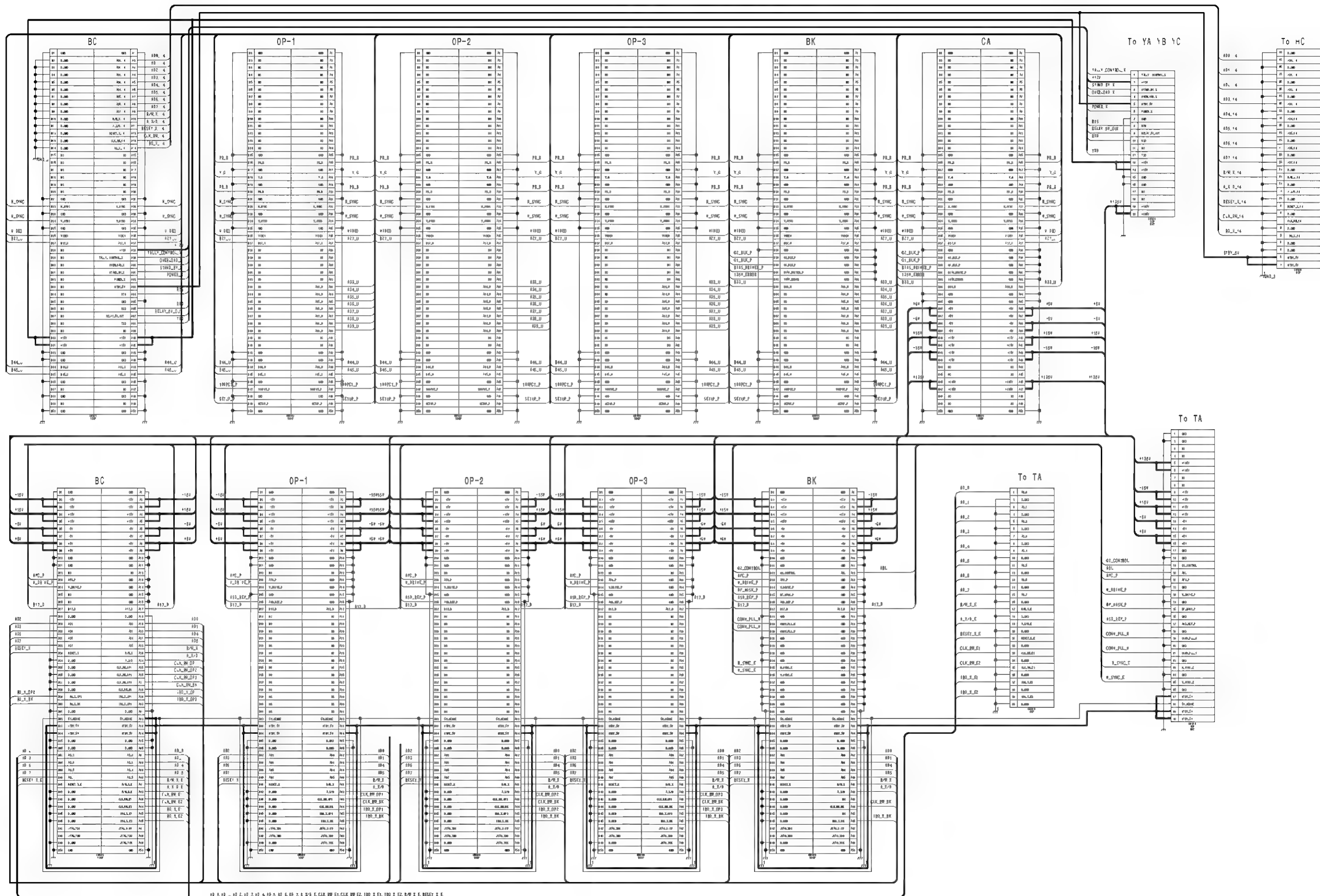


|             |      |           |      |
|-------------|------|-----------|------|
| Mount Mecha | A001 | 406109902 | T701 |
|-------------|------|-----------|------|









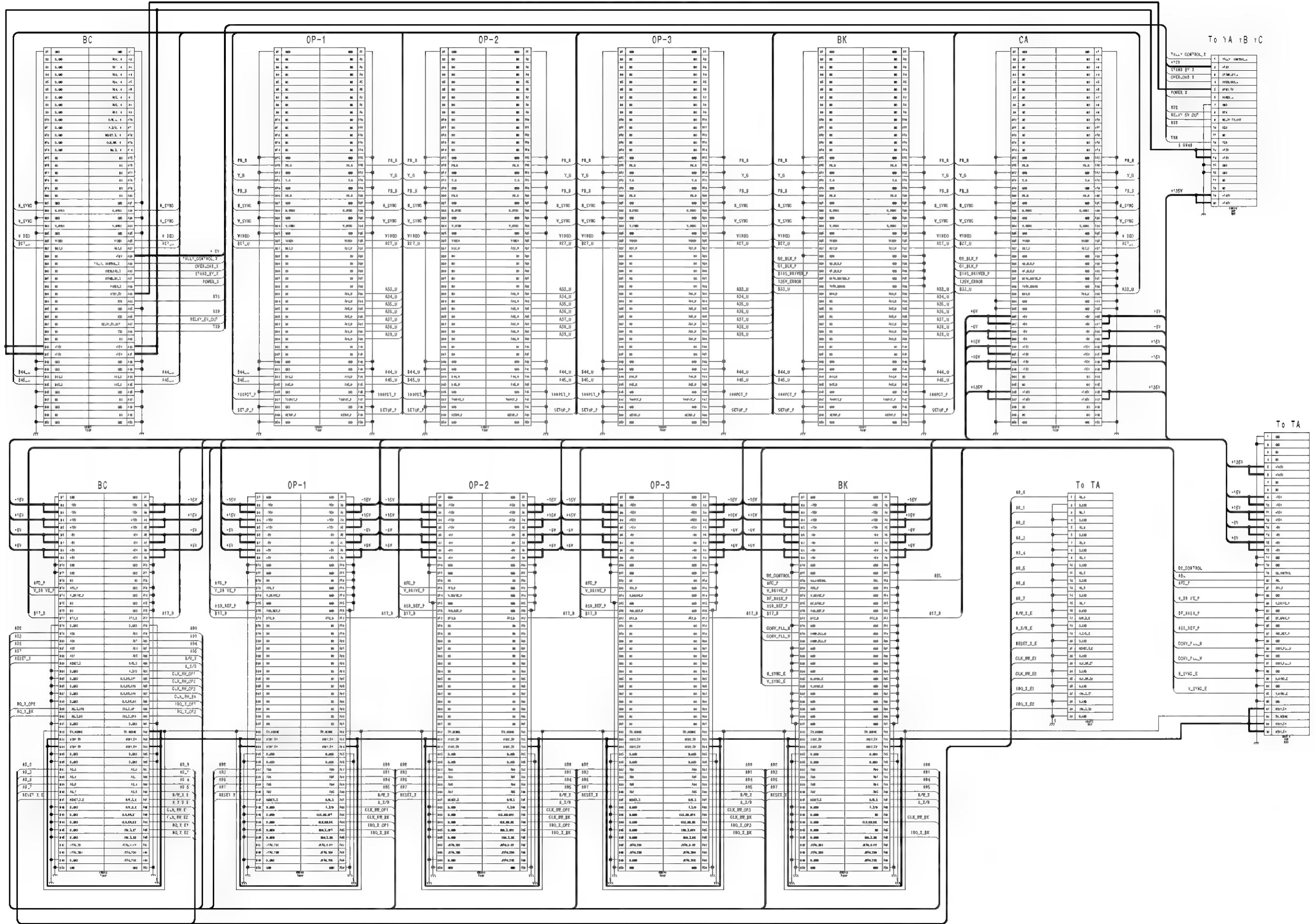
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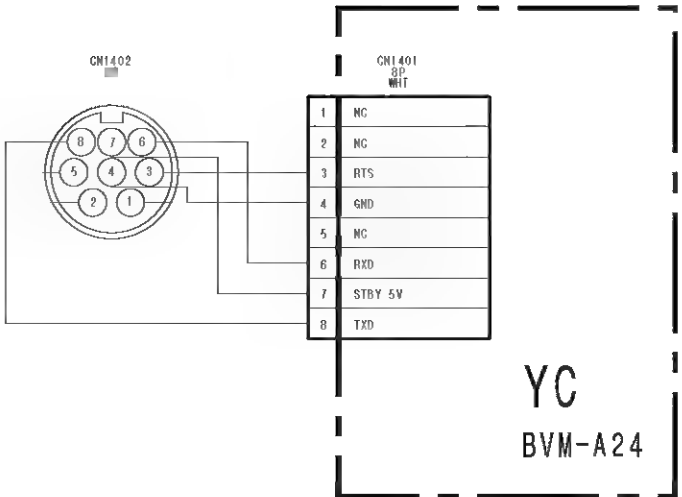
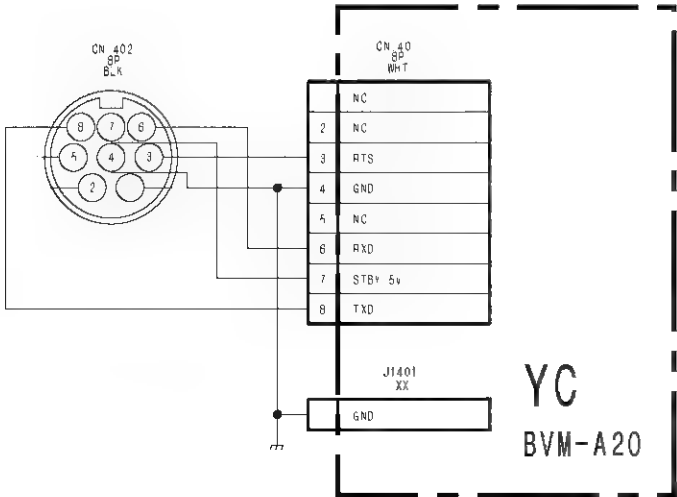
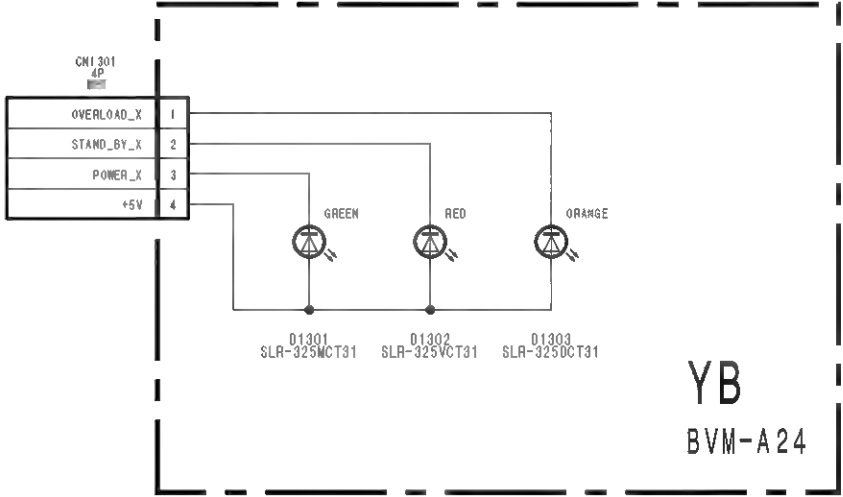
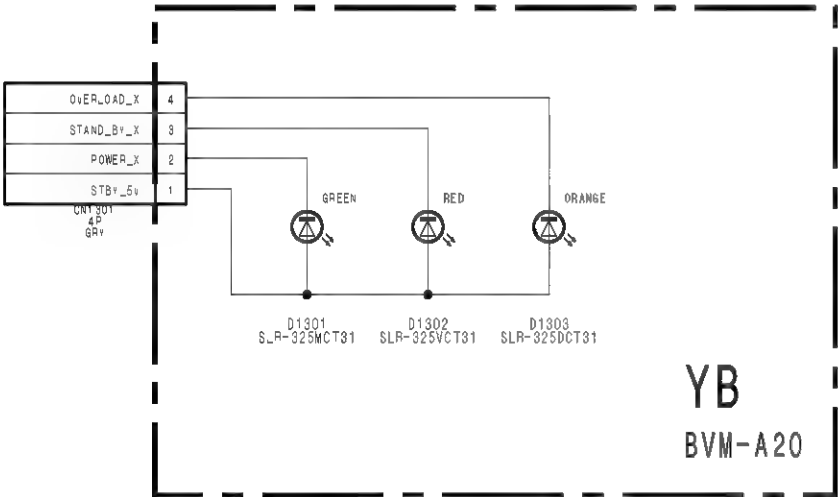
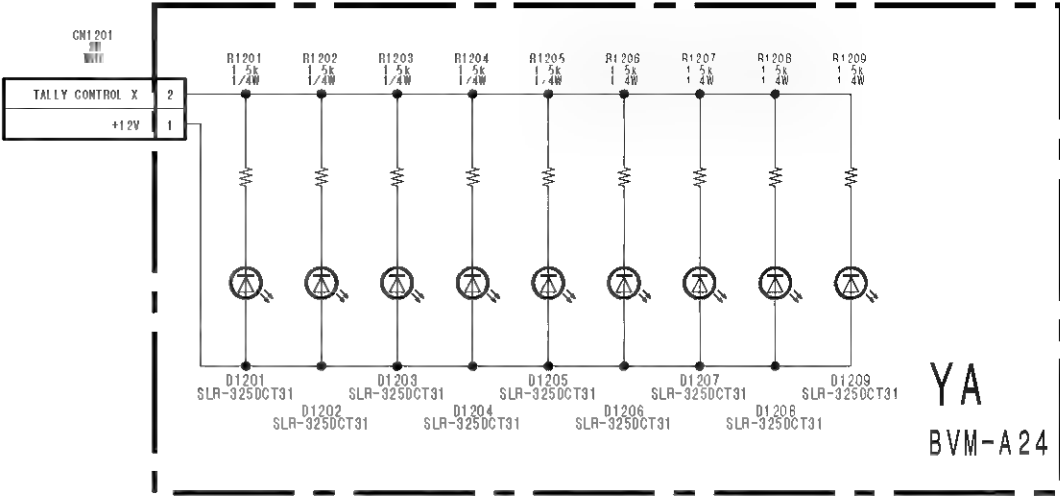
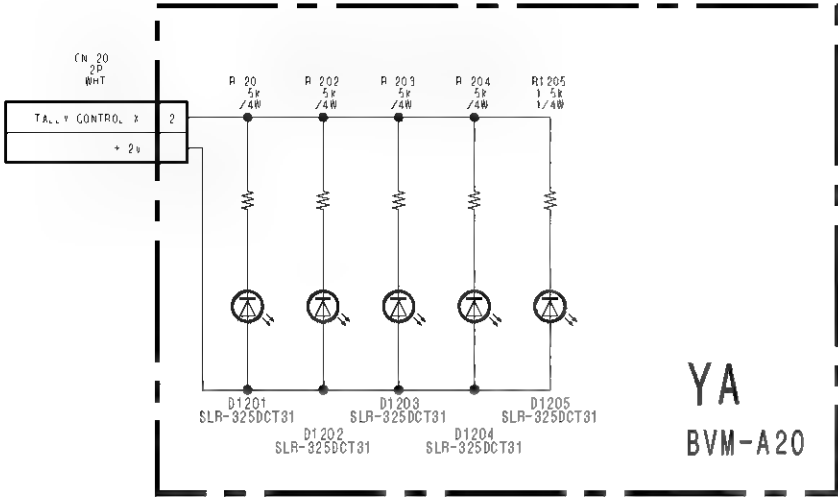
3

4

5









Section 9  
Board Layouts

| Board Name | Function             | Page |
|------------|----------------------|------|
| BC         | MAIN CPU             | 9-2  |
| BK         | VIDEO PROCESSOR      | 9-4  |
| C          | R, G, B OUT          | 9-6  |
| CA         | R, G, B AMP          | 9-8  |
| E          | H/V OSC              | 9-10 |
| EA         | DEFLECTION PROCESSOR | 9-12 |
| G          | SWITCHING REGULATOR  | 9-14 |
| PA         | H/V CONTROL          | 9-16 |
| PC         | FLYBACK TRANSFORMER  | 9-16 |
| TA         | MOTHER BOARD         | 9-18 |
| TB         | MOTHER BOARD         | 9-20 |
| YA         | TALLY LED            | 9-22 |
| YB         | PANEL LED            | 9-22 |
| YC         | OPTION JACK          | 9-22 |

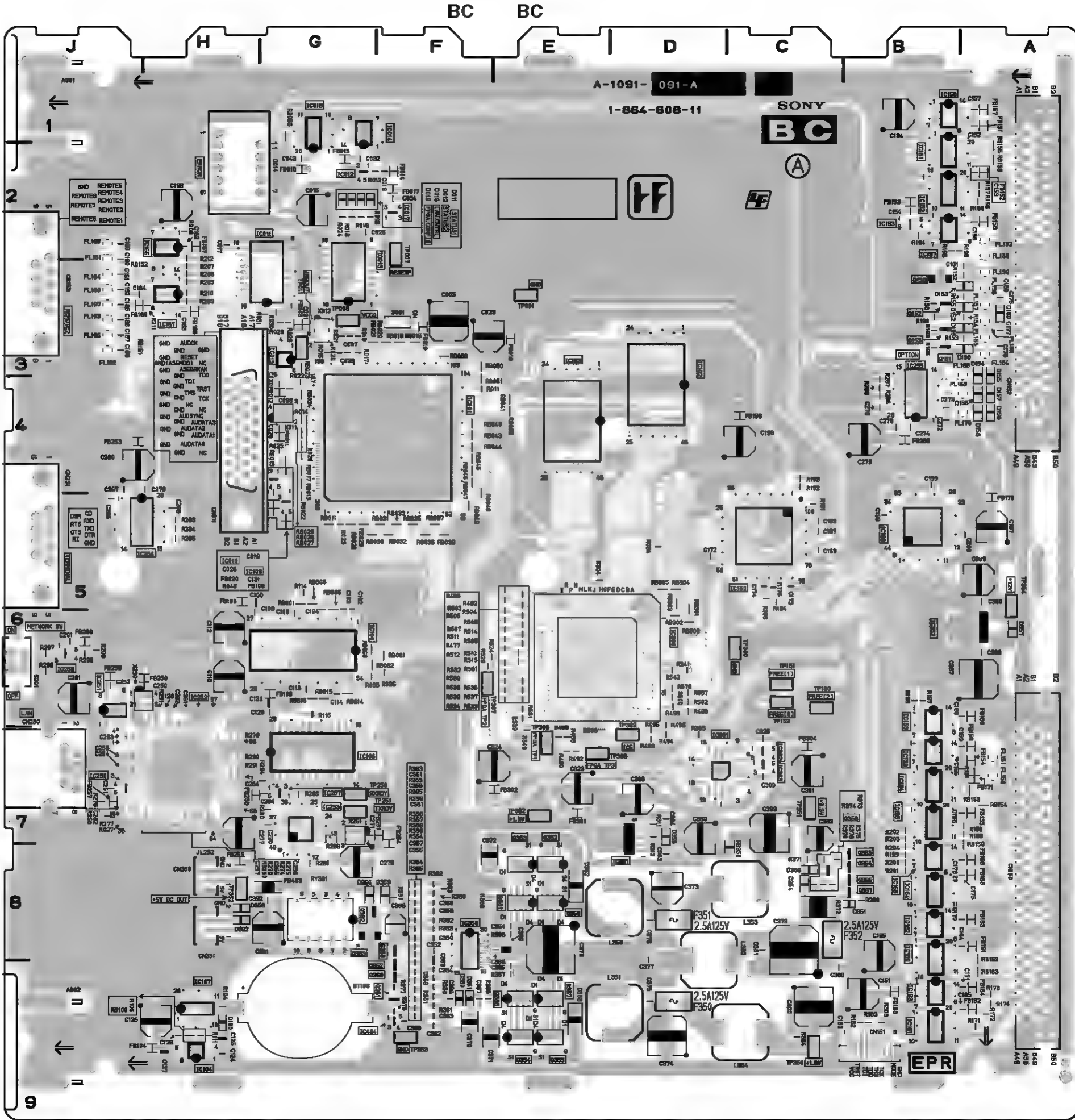


**NOTE:**  
The circuit indicated as shown on the left contains high voltages of over 600 Vp-p. Take care to avoid electric shock during inspection or repair work.

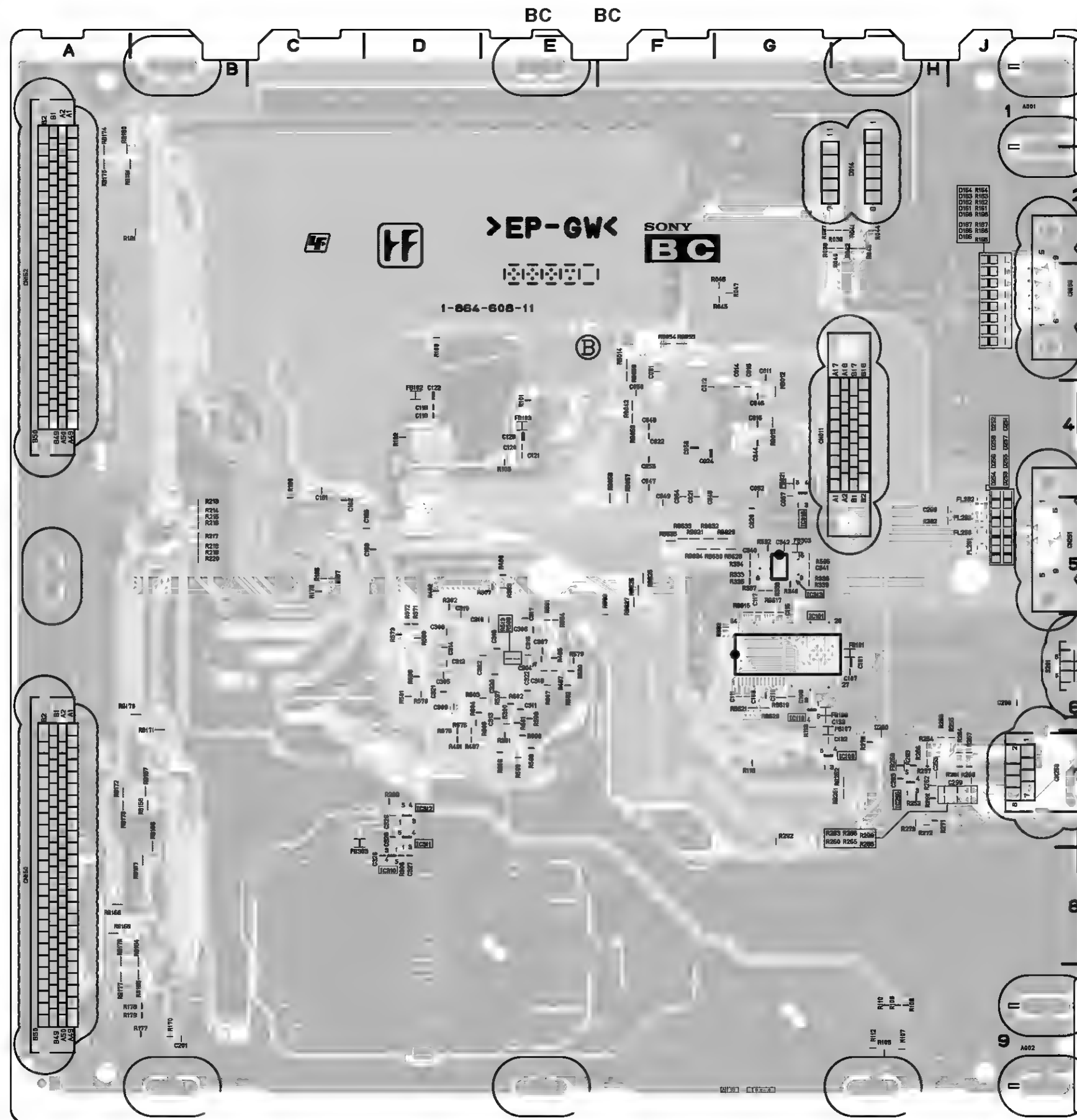
BC BOARD

\* B SIDE

|       |       |       |       |
|-------|-------|-------|-------|
| D011  | G 2   | IC311 | * D 7 |
| D012  | G 2   | IC312 | * D 7 |
| D013  | G 2   | IC313 | * G 5 |
| D014  | H 1   | IC350 | F 8   |
| D015  | G 2   | IC351 | D 7   |
| D100  | H 9   | IC352 | A 6   |
| D150  | A 3   | IC404 | F 9   |
| D151  | A 3   |       |       |
| D152  | A 3   | Q150  | B 2   |
| D153  | A 3   | Q151  | B 3   |
| D154  | A 3   | Q152  | B 3   |
| D155  | A 3   | Q153  | B 3   |
| D156  | A 4   | Q350  | E 8   |
| D157  | A 4   | Q351  | E 8   |
| D158  | A 4   | Q352  | E 8   |
| D159  | A 4   | Q353  | E 8   |
| D160  | A 3   | Q354  | E 9   |
| D161  | * J 3 | Q355  | E 9   |
| D162  | * J 3 | Q356  | E 9   |
| D163  | * J 3 | Q357  | E 9   |
| D164  | * J 2 | Q358  | C 8   |
| D165  | * J 3 | Q360  | F 9   |
| D166  | * J 3 | Q361  | F 9   |
| D167  | * J 3 | Q362  | F 9   |
| D168  | * J 3 | Q363  | F 8   |
| D251  | * J 5 | Q364  | B 8   |
| D252  | * J 5 | Q365  | B 8   |
| D253  | * J 5 | Q366  | B 8   |
| D254  | * J 5 | Q367  | B 8   |
| D255  | * J 5 | Q382  | G 8   |
| D256  | * J 5 | Q383  | G 8   |
| D257  | * J 5 |       |       |
| D258  | * J 5 | TP001 | E 3   |
| D350  | F 9   | TP007 | F 2   |
| D351  | F 9   | TP008 | G 3   |
| D352  | E 8   | TP011 | G 3   |
| D353  | E 9   | TP150 | C 6   |
| D354  | C 8   | TP151 | C 6   |
| D355  | D 7   | TP152 | C 6   |
| D356  | C 8   | TP250 | G 7   |
| D357  | A 6   | TP251 | G 7   |
| D358  | H 8   | TP300 | C 6   |
| D359  | F 8   | TP302 | E 7   |
| D360  | G 8   | TP306 | E 7   |
| D361  | B 8   | TP307 | F 6   |
| D362  | H 8   | TP308 | E 7   |
|       |       | TP309 | D 7   |
| IC001 | F 4   | TP350 | C 9   |
| IC010 | G 4   | TP351 | C 7   |
| IC011 | G 3   | TP352 | H 8   |
| IC012 | G 2   | TP353 | F 9   |
| IC013 | G 3   | TP354 | A 5   |
| IC014 | G 1   |       |       |
| IC015 | G 3   |       |       |
| IC016 | G 1   |       |       |
| IC017 | F 2   |       |       |
| IC018 | * G 4 |       |       |
| IC100 | G 6   |       |       |
| IC101 | * G 6 |       |       |
| IC102 | D 4   |       |       |
| IC103 | E 4   |       |       |
| IC104 | H 9   |       |       |
| IC106 | G 7   |       |       |
| IC107 | H 9   |       |       |
| IC108 | G 5   |       |       |
| IC109 | * G 7 |       |       |
| IC110 | * G 6 |       |       |
| IC150 | C 5   |       |       |
| IC151 | B 2   |       |       |
| IC152 | B 2   |       |       |
| IC153 | B 2   |       |       |
| IC154 | B 7   |       |       |
| IC155 | B 7   |       |       |
| IC156 | B 1   |       |       |
| IC157 | B 2   |       |       |
| IC158 | B 7   |       |       |
| IC159 | B 6   |       |       |
| IC160 | E 8   |       |       |
| IC161 | B 9   |       |       |
| IC162 | B 8   |       |       |
| IC163 | B 9   |       |       |
| IC164 | B 8   |       |       |
| IC165 | B 8   |       |       |
| IC166 | H 2   |       |       |
| IC167 | H 3   |       |       |
| IC168 | B 5   |       |       |
| IC250 | J 7   |       |       |
| IC251 | J 6   |       |       |
| IC252 | H 7   |       |       |
| IC253 | J 5   |       |       |
| IC254 | J 5   |       |       |
| IC255 | B 4   |       |       |
| IC256 | * H 7 |       |       |
| IC257 | G 7   |       |       |
| IC258 | J 6   |       |       |
| IC300 | E 6   |       |       |
| IC301 | C 7   |       |       |
| IC302 | C 7   |       |       |
| IC303 | C 7   |       |       |
| IC310 | * D 8 |       |       |



BC -A SIDE-  
SUFFIX: -11

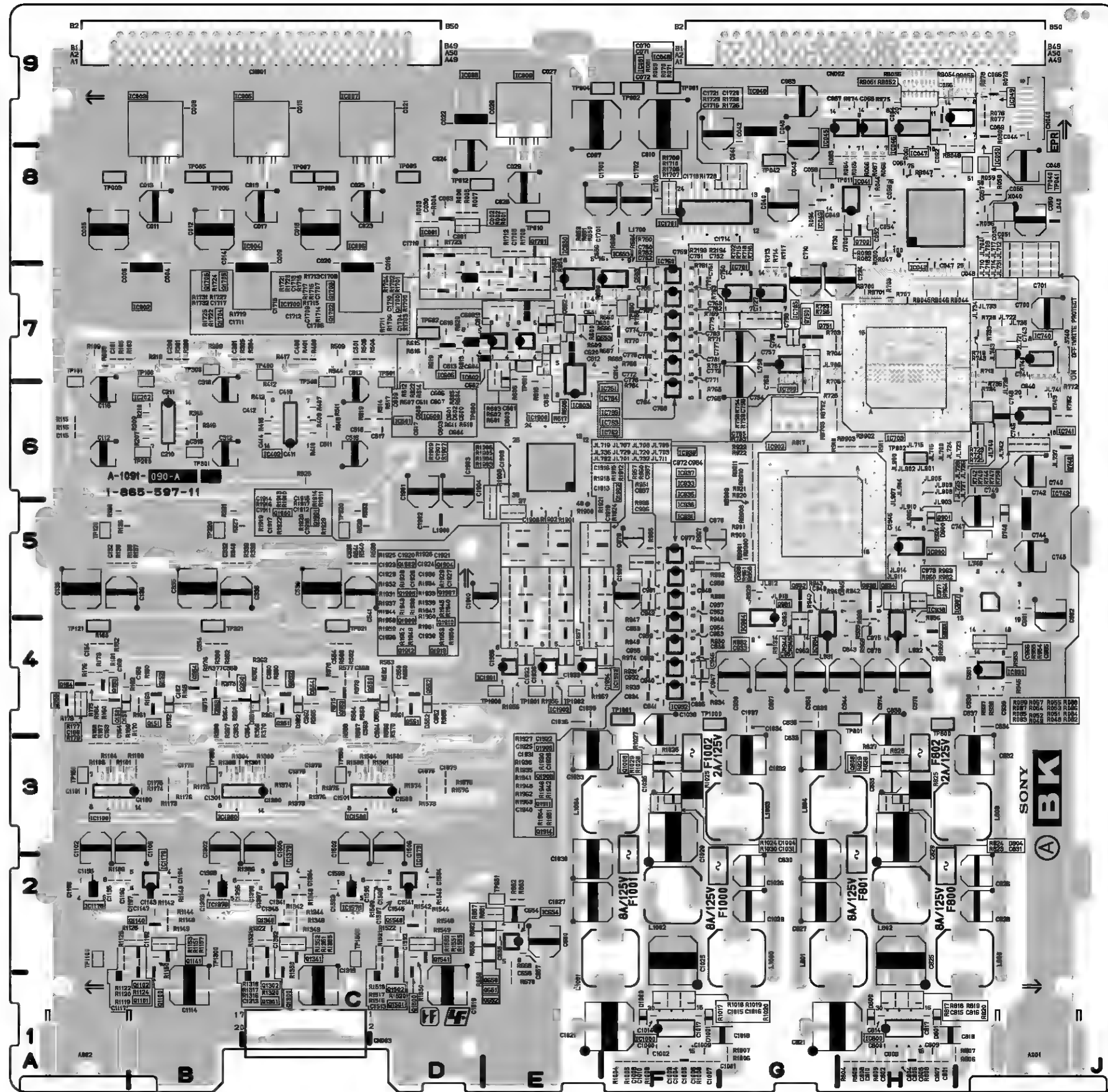


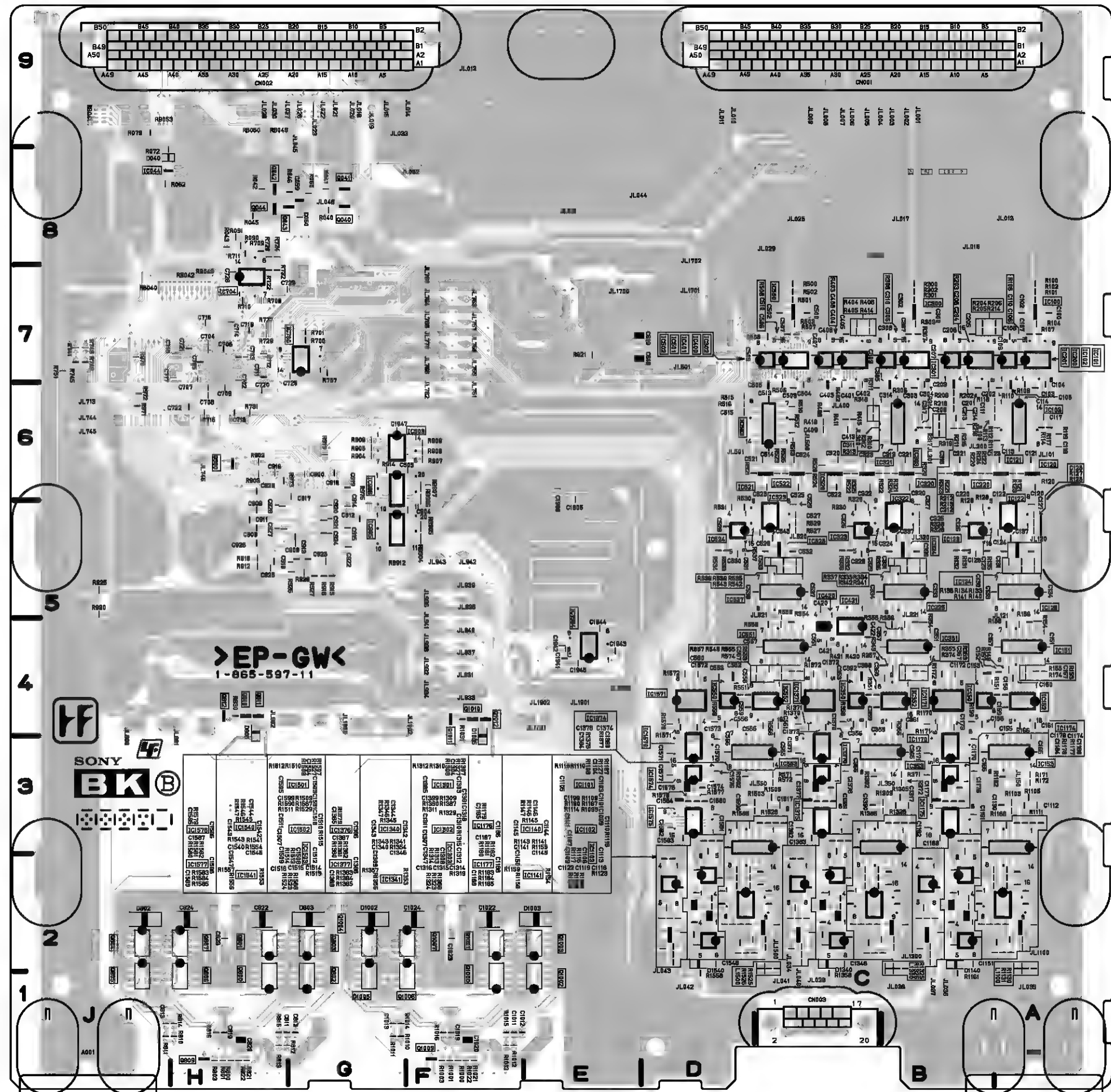
BC -B SIDE-  
SUFFIX: -11

## BK BOARD

\* B SIDE

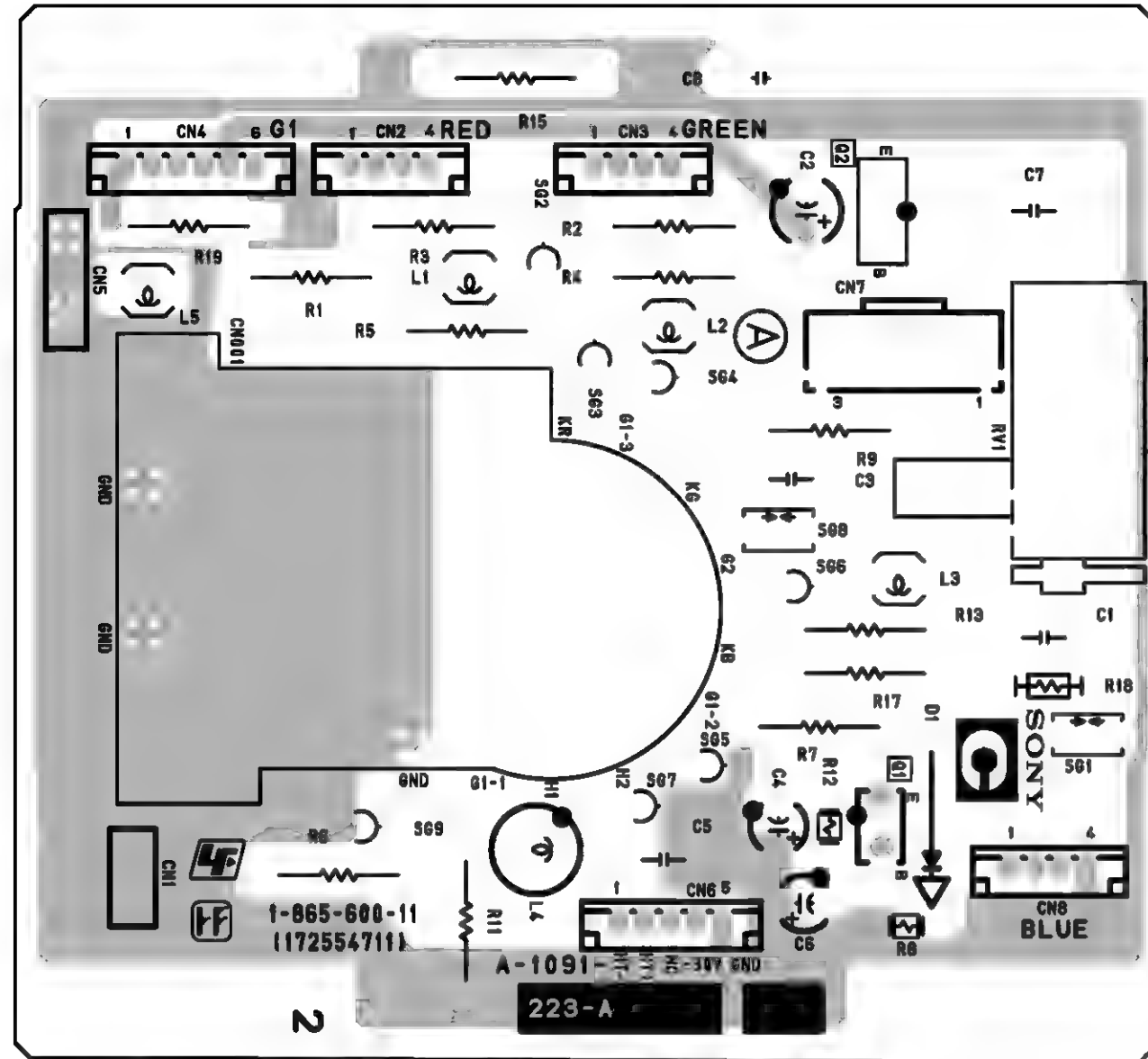
|       |       |        |       |       |       |        |     |
|-------|-------|--------|-------|-------|-------|--------|-----|
| D040  | * J 8 | IC527  | * C 5 | Q040  | * G 8 | TP001  | F 9 |
| D151  | A 4   | IC550  | * D 4 | Q041  | * G 8 | TP002  | F 9 |
| D152  | B 4   | IC551  | * C 4 | Q042  | * H 8 | TP003  | A 8 |
| D 51  | C 4   | IC552  | * C-4 | Q043  | * G 8 | TP004  | E 9 |
| D352  | C-4   | IC553  | * D-3 | Q044  | * H-8 | TP005  | B-8 |
| D551  | D-4   | IC600  | E-7   | Q150  | A-4   | TP006  | B 8 |
| D552  | D-4   | IC601  | E-7   | Q151  | B 4   | TP007  | C 8 |
| D600  | E-7   | IC602  | D-7   | Q152  | B 4   | TP008  | C-8 |
| D601  | E-7   | IC603  | E-6   | Q153  | A-4   | TP009  | D 8 |
| D602  | E-7   | IC605  | D-7   | Q154  | A-4   | TP010  | E 8 |
| D603  | E-7   | IC650  | E-7   | Q155  | A-4   | TP011  | G-8 |
| D604  | E-7   | IC653  | F-7   | Q350  | B-4   | TP012  | D-8 |
| D700  | H-8   | IC654  | E-2   | Q351  | C-4   | TP040  | J-8 |
| D740  | J-5   | IC700  | * G-7 | Q352  | C-4   | TP041  | J-8 |
| D800  | H-1   | IC701  | G-7   | Q353  | B-4   | TP042  | G-8 |
| D801  | H-1   | IC703  | H-7   | Q354  | B-4   | TP100  | B-6 |
| D802  | * J-2 | IC704  | * H-7 | Q550  | D-4   | TP101  | A-6 |
| D803  | * G-2 | IC705  | G-7   | Q551  | D-4   | TP120  | A-5 |
| D804  | H-3   | IC740  | J-7   | Q552  | D-4   | TP121  | A-4 |
| D805  | * H-4 | IC741  | J-6   | Q553  | C-4   | TP150  | A-3 |
| D900  | H 5   | IC742  | J-5   | Q554  | C 4   | TP200  | B-6 |
| D1000 | F-1   | IC750  | G-7   | Q650  | E-2   | TP300  | B-6 |
| D1001 | F-1   | IC760  | F-7   | Q651  | E-2   | TP301  | B-6 |
| D1002 | * G-2 | IC761  | F-7   | Q652  | E-2   | TP320  | B-5 |
| D1003 | * E-2 | IC762  | F-6   | Q653  | F-7   | TP321  | B-4 |
| D1004 | F-3   | IC763  | F-7   | Q700  | H-8   | TP350  | B-3 |
| D1005 | * F-3 | IC764  | F-7   | Q740  | J-6   | TP400  | C-7 |
| D1140 | * B-2 | IC765  | F-7   | Q750  | G-7   | TP500  | C-6 |
| D1340 | * C-2 | IC800  | H-1   | Q751  | G-7   | TP501  | D-6 |
| D1540 | * D-2 | IC900  | H-5   | Q800  | * H-1 | TP520  | C-5 |
| IC001 | D-8   | IC902  | G-5   | Q801  | * H-2 | TP521  | C-4 |
| IC002 | B-7   | IC903  | * G-6 | Q802  | * G-1 | TP550  | C-3 |
| IC003 | B-9   | IC904  | G-4   | Q803  | * G-2 | TP600  | E-7 |
| IC004 | B-7   | IC905  | * G-5 | Q804  | * J-2 | TP601  | E-7 |
| IC005 | C-9   | IC906  | * G-6 | Q805  | * J-1 | TP602  | D-7 |
| IC006 | C-7   | IC907  | J-5   | Q806  | * H-1 | TP650  | F-7 |
| IC007 | C-9   | IC930  | J-4   | Q807  | * H-2 | TP651  | E-2 |
| IC008 | D-9   | IC931  | F-4   | Q808  | H-3   | TP800  | H-4 |
| IC009 | E-9   | IC932  | F-4   | Q809  | * H-1 | TP801  | H-4 |
| IC040 | G-9   | IC933  | F-5   | Q810  | * H-4 | TP802  | F-6 |
| IC041 | H-8   | IC934  | G-4   | Q811  | * H-4 | TP1000 | F-4 |
| IC042 | H-8   | IC935  | F-4   | Q812  | * H-4 | TP1001 | F-4 |
| IC043 | G-8   | IC936  | F-4   | Q900  | * H-6 | TP1100 | A-2 |
| IC044 | * J-8 | IC937  | F-5   | Q901  | H-5   | TP1300 | B-2 |
| IC045 | H-9   | IC938  | H-4   | Q931  | G-5   | TP1500 | C-2 |
| IC046 | H-9   | IC939  | F-5   | Q932  | G-5   | TP1900 | E-4 |
| IC047 | H-9   | IC1000 | F-1   | Q933  | H-4   | TP1901 | E-4 |
| IC048 | J-9   | IC1100 | A-3   | Q934  | H-5   |        |     |
| IC049 | J-9   | IC1101 | * A-3 | Q935  | H-5   |        |     |
| IC050 | J-9   | IC1102 | * A-2 | Q1000 | * F-1 |        |     |
| IC051 | H-9   | IC1103 | * A-2 | Q1001 | * F-2 |        |     |
| IC100 | * A-7 | IC1140 | * B-2 | Q1002 | * E-1 |        |     |
| IC101 | * A-7 | IC1141 | * B-2 | Q1003 | * E-2 |        |     |
| IC102 | * A-7 | IC1170 | * B-3 | Q1004 | * G-2 |        |     |
| IC103 | * A-6 | IC1171 | * B-4 | Q1005 | * G-1 |        |     |
| IC120 | * A-6 | IC1174 | * B-3 | Q1006 | * F-1 |        |     |
| IC121 | * A-6 | IC1175 | * B-3 | Q1007 | * F-2 |        |     |
| IC122 | * A-5 | IC1176 | * B-2 | Q1008 | F-3   |        |     |
| IC123 | * B-5 | IC1177 | * B-2 | Q1009 | * F-1 |        |     |
| IC124 | * A-5 | IC1178 | A-2   | Q1010 | * F-4 |        |     |
| IC125 | * A-5 | IC1179 | B-2   | Q1011 | * F-4 |        |     |
| IC150 | * B-4 | IC1300 | B-3   | Q1012 | * F-4 |        |     |
| IC151 | * A-4 | IC1301 | * B-3 | Q1100 | B-1   |        |     |
| IC152 | * A-4 | IC1302 | * C-2 | Q1101 | B-1   |        |     |
| IC153 | * A-3 | IC1303 | * B-2 | Q1102 | B-2   |        |     |
| IC200 | * B-7 | IC1340 | * C-2 | Q1140 | B-2   |        |     |
| IC201 | * B-7 | IC1341 | * C-2 | Q1141 | B-2   |        |     |
| IC202 | B-6   | IC1370 | * C-3 | Q1300 | C-1   |        |     |
| IC220 | * B-6 | IC1371 | * C-4 | Q1301 | C-1   |        |     |
| IC300 | * B-7 | IC1374 | * C-3 | Q1302 | C-2   |        |     |
| IC301 | * B-7 | IC1375 | * C-3 | Q1340 | C-2   |        |     |
| IC302 | * B-7 | IC1376 | * C-2 | Q1341 | C-2   |        |     |
| IC303 | * B-6 | IC1377 | * C-2 | Q1500 | D-1   |        |     |
| IC320 | * B-6 | IC1378 | B-2   | Q1501 | D-1   |        |     |
| IC321 | * C-6 | IC1379 | C-2   | Q1502 | D-2   |        |     |
| IC322 | * B-5 | IC1500 | C-3   | Q1540 | D-2   |        |     |
| IC323 | * C-5 | IC1501 | * D-3 | Q1541 | D-2   |        |     |
| IC324 | * B-5 | IC1502 | * D-2 | Q1700 | E-7   |        |     |
| IC325 | * B-5 | IC1503 | * C-2 | Q1701 | E-8   |        |     |
| IC350 | * C-4 | IC1540 | * D-2 | Q1702 | E-7   |        |     |
| IC351 | * B-4 | IC1541 | * D-2 | Q1703 | E-7   |        |     |
| IC352 | * B-4 | IC1570 | * D-3 | Q1704 | D-7   |        |     |
| IC353 | * B-3 | IC1571 | * D-4 | Q1705 | D-8   |        |     |
| IC400 | * C-7 | IC1574 | * D-3 | Q1706 | D-8   |        |     |
| IC401 | * C-7 | IC1575 | * D-3 | Q1900 | E-5   |        |     |
| IC402 | C-6   | IC1576 | * D-2 | Q1901 | E-5   |        |     |
| IC420 | * C-4 | IC1577 | * D-2 | Q1902 | E-5   |        |     |
| IC421 | * C-4 | IC1578 | C-2   | Q1903 | E-5   |        |     |
| IC500 | * C-7 | IC1579 | D-2   | Q1904 | E-5   |        |     |
| IC501 | * C-7 | IC1700 | D-7   | Q1905 | F 5   |        |     |
| IC502 | * C-7 | IC1701 | F 8   | Q1906 | E 5   |        |     |
| IC503 | * C-6 | IC1900 | E-6   | Q1907 | E 5   |        |     |
| IC520 | * C-6 | IC1901 | E 4   | Q1908 | F 5   |        |     |
| IC521 | * C-6 | IC1902 | E 4   | Q1909 | E 4   |        |     |
| IC522 | * C-6 | IC1903 | E 4   | Q1910 | E 4   |        |     |
| IC523 | * C-5 | IC1904 | * E 4 | Q1911 | F 4   |        |     |
| IC524 | * D-5 |        |       | Q1912 | E 4   |        |     |
| IC525 | * C-5 |        |       | Q1913 | E 4   |        |     |
|       |       |        |       | Q1914 | F-4   |        |     |

BK -A SIDE-  
SUFFIX: -11

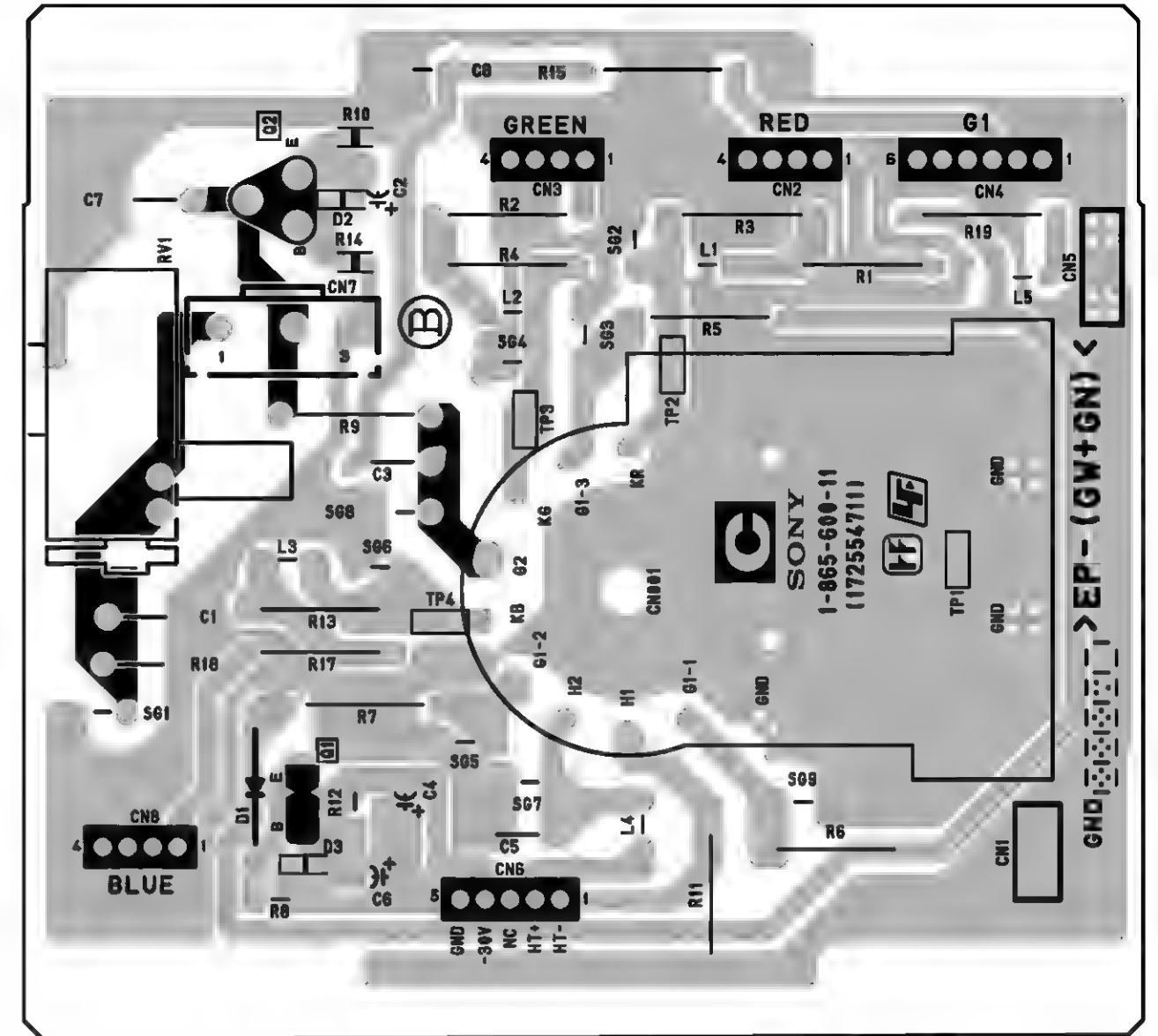


BK -B SIDE-  
SUFFIX: -11



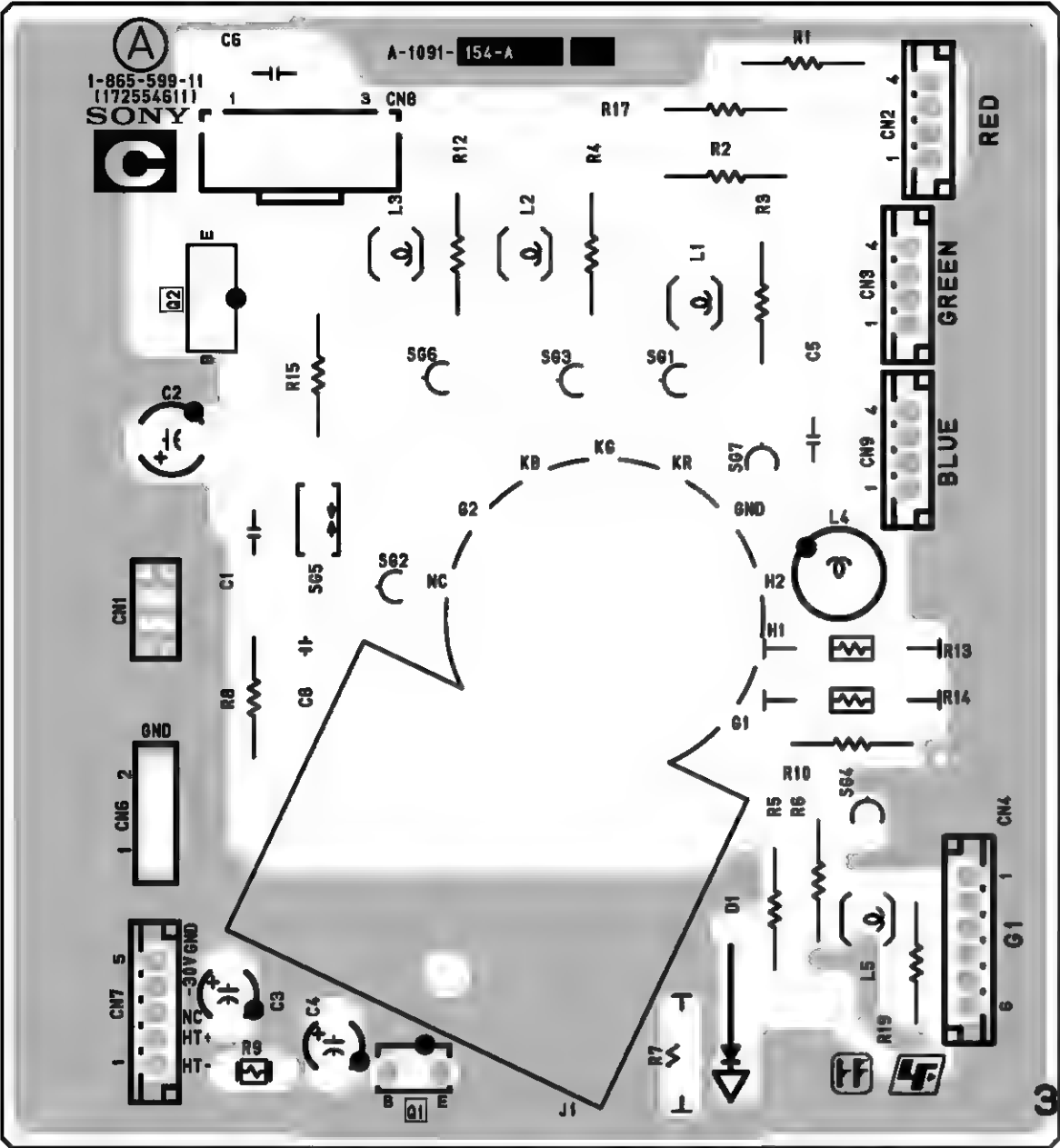


C -A SIDE-  
SUFFIX: -11

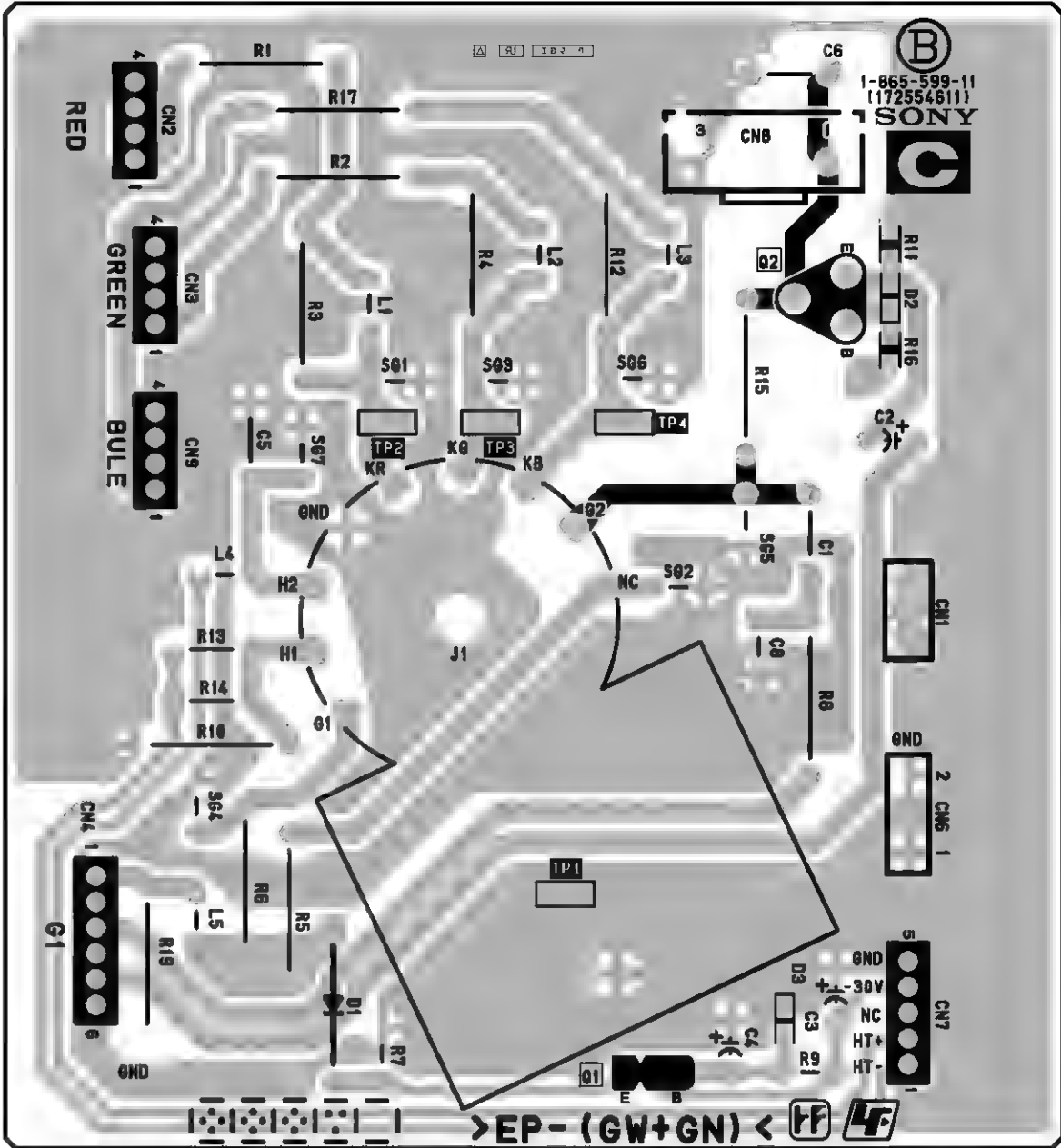


C -B SIDE-  
SUFFIX: -11

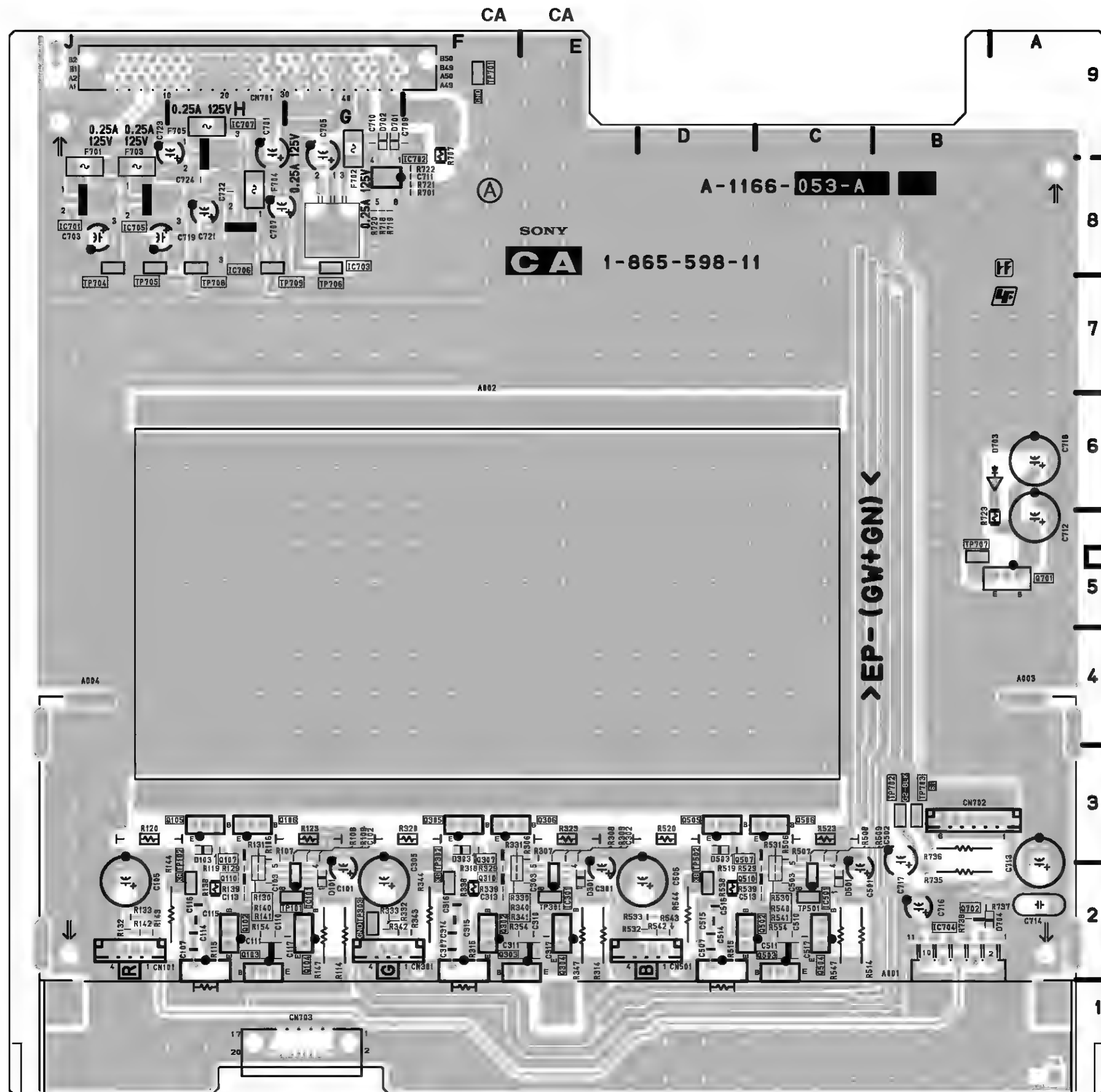


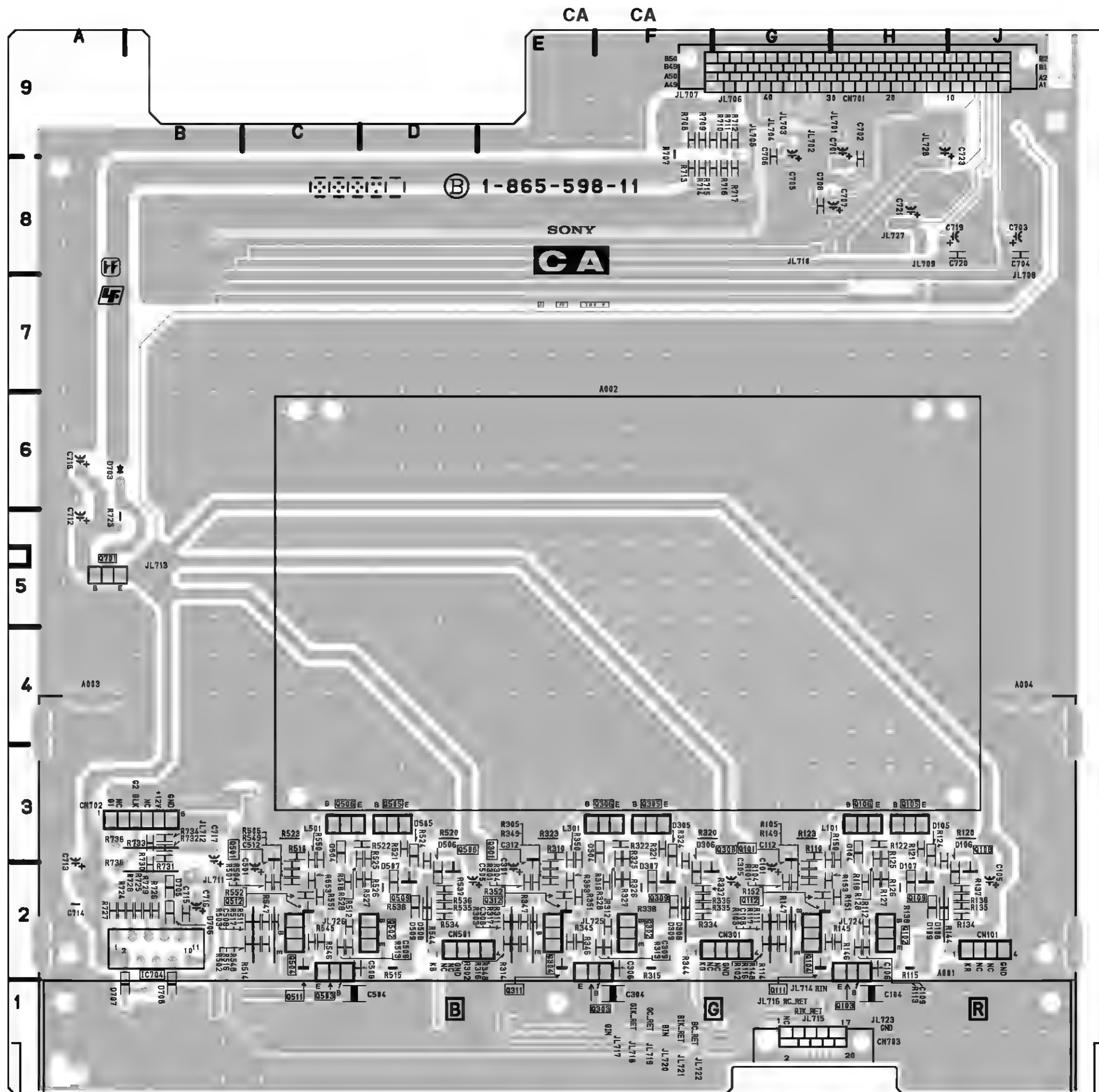


C -A SIDE-  
SUFFIX: -11



C -B SIDE-  
SUFFIX: -11



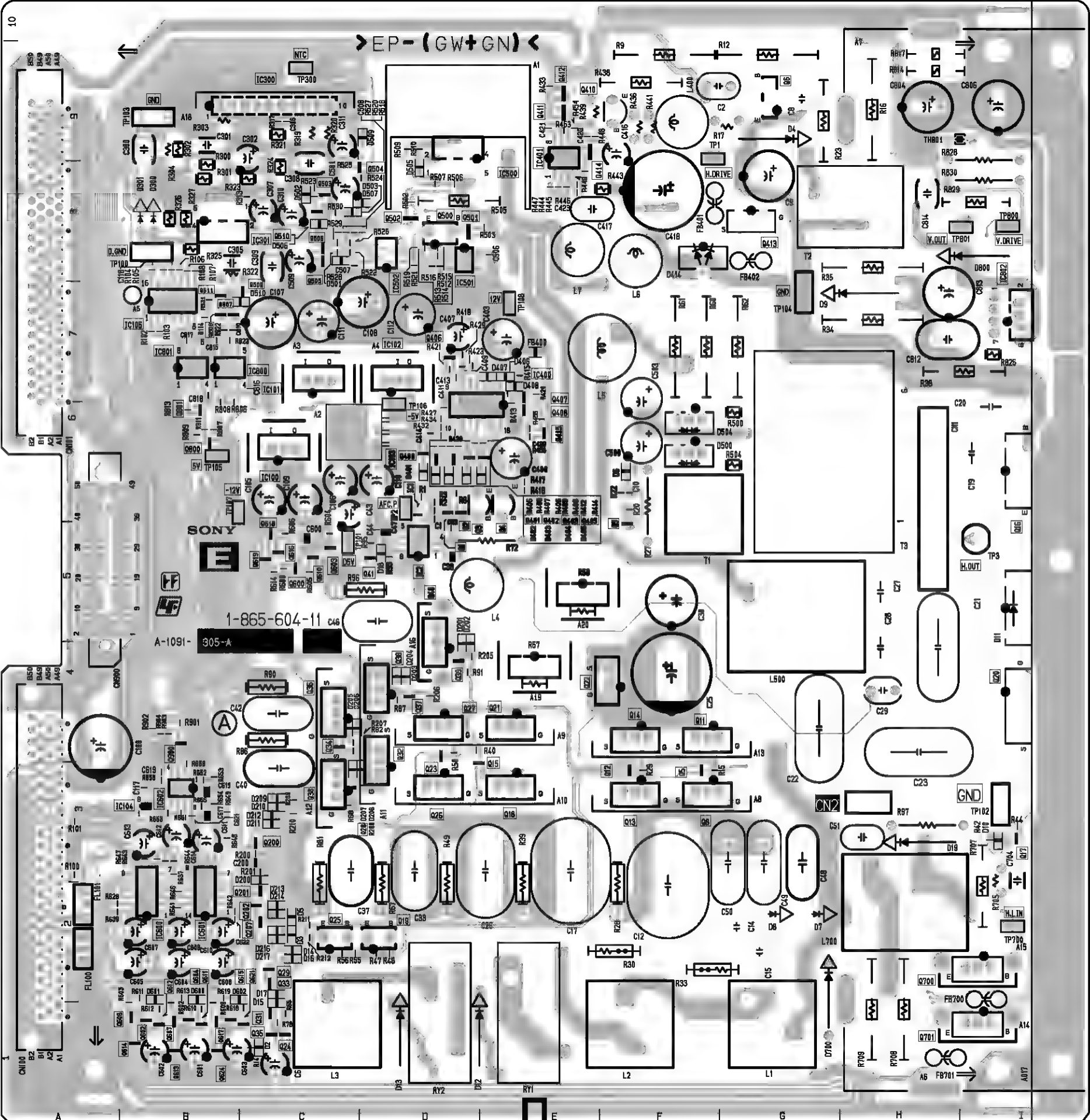


**CA** -B SIDE-  
SUFFIX: -11

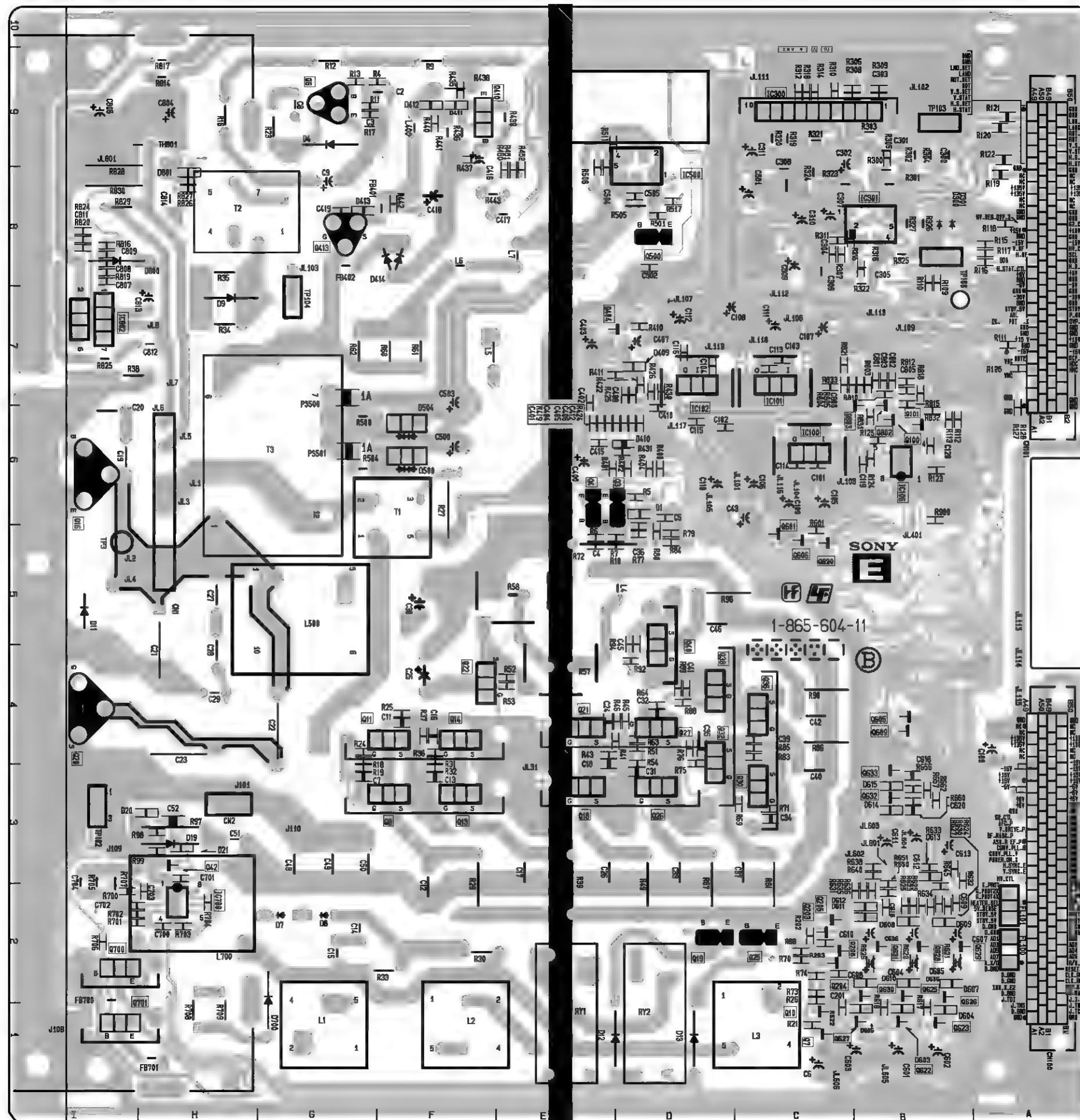
E BOARD

\*: B SIDE

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| D1    | * D 6 | IC502 | D 8   | Q611  | B 1   |
| D2    | C 1   | IC600 | B 2   | Q612  | B 1   |
| D3    | C 2   | IC601 | B 2   | Q613  | B 1   |
| D4    | G-9   | IC602 | B 3   | Q614  | B 1   |
| D5    | C-2   | IC700 | * H-2 | Q615  | B 1   |
| D6    | F-6   | IC800 | B-7   | Q616  | C 5   |
| D7    | G 2   | IC801 | B-7   | Q617  | B 1   |
| D8    | G-2   | IC802 | J-7   | Q618  | C 5   |
| D9    | H-7   |       |       | Q619  | C 5   |
| D10   | J-3   | Q1    | D-6   | Q620  | C 5   |
| D11   | J-5   | Q2    | D-6   | Q621  | B 1   |
| D12   | D-1   | Q3    | D-6   | Q622  | B 1   |
| D13   | D-1   | Q4    | B-6   | Q623  | B 1   |
| D14   | C-2   | Q5    | F-3   | Q624  | B 1   |
| D15   | C-1   | Q6    | * Q-9 | Q625  | * B-2 |
| D16   | C-2   | Q7    | * O-1 | Q626  | * B-2 |
| D17   | C-2   | Q8    | F-3   | Q627  | * B-1 |
| D18   | D-5   | Q9    | F-5   | Q628  | * B-2 |
| D19   | J-3   | Q10   | * O-1 | Q629  | * B-2 |
| D20   | * H-3 | Q11   | F-4   | Q630  | * B-2 |
| D21   | * H-3 | Q12   | F-3   | Q631  | * B-2 |
| D200  | C-3   | Q13   | F-3   | Q632  | * B-3 |
| D201  | D-4   | Q14   | F-4   | Q633  | * B-3 |
| D202  | D-4   | Q15   | D-3   | Q700  | * J-2 |
| D203  | D-4   | Q16   | J-6   | Q701  | J-1   |
| D204  | D-4   | Q17   | J-3   | Q800  | B-6   |
| D205  | C-4   | Q18   | B-3   | Q801  | B-6   |
| D206  | C-4   | Q19   | D-2   | Q802  | * B-6 |
| D207  | C-3   | Q20   | J-4   | Q803  | * B-7 |
| D208  | D-3   | Q21   | H-4   | Q900  | * B-4 |
| D209  | C-3   | Q22   | F-4   |       |       |
| D210  | C-3   | Q23   | D-4   | TH801 | H-9   |
| D211  | C-3   | Q24   | C-1   |       |       |
| D212  | C-3   | Q25   | C-2   | TP1   | F-9   |
| D213  | C-2   | Q26   | D-3   | TP2   | D-6   |
| D214  | C-2   | Q27   | D-4   | TP3   | J-5   |
| D216  | C-2   | Q28   | C-3   | TP100 | B-8   |
| D217  | C-2   | Q29   | C-2   | TP101 | C-5   |
| D300  | B-8   | Q30   | C-3   | TP102 | J-3   |
| D301  | B-8   | Q31   | C-1   | TP103 | B-9   |
| D401  | D-6   | Q32   | D-3   | TP104 | G-7   |
| D402  | D-6   | Q33   | C-2   | TP105 | B-6   |
| D403  | D-6   | Q34   | C-4   | TP106 | D-6   |
| D404  | D-6   | Q35   | C-1   | TP107 | B-6   |
| D405  | D-6   | Q36   | C-4   | TP108 | B-7   |
| D406  | E-7   | Q37   | D-4   | TP300 | C-9   |
| D407  | E-7   | Q38   | D-4   | TP700 | J-2   |
| D408  | E-7   | Q39   | D-4   | TP800 | J-8   |
| D409  | * D-7 | Q40   | D-4   | TP801 | H-8   |
| D410  | * D-6 | Q41   | D-5   |       |       |
| D411  | * F-9 | Q42   | * H-3 |       |       |
| D412  | * F-9 | Q100  | * B-6 |       |       |
| D413  | * G-8 | Q101  | * C-3 |       |       |
| D414  | F-8   | Q200  | * C-2 |       |       |
| D500  | F-6   | Q201  | * C-2 |       |       |
| D501  | C-8   | Q202  | * C-2 |       |       |
| D502  | C-8   | Q203  | * C-2 |       |       |
| D503  | C-8   | Q204  | * C-2 |       |       |
| D504  | F-6   | Q205  | * C-2 |       |       |
| D505  | D-8   | Q206  | * C-2 |       |       |
| D506  | C-8   | Q207  | * C-2 |       |       |
| D507  | C-8   | Q400  | * D-6 |       |       |
| D509  | D-9   | Q401  | * D-6 |       |       |
| D510  | B-7   | Q402  | * D-6 |       |       |
| D600  | B-2   | Q403  | * D-6 |       |       |
| D601  | B-2   | Q404  | * D-7 |       |       |
| D602  | B-2   | Q405  | * D-6 |       |       |
| D603  | * B-1 | Q406  | * D-7 |       |       |
| D604  | * B-1 | Q407  | * B-7 |       |       |
| D605  | * B-1 | Q408  | * B-6 |       |       |
| D606  | * B-2 | Q410  | * B-9 |       |       |
| D607  | * B-2 | Q411  | * B-9 |       |       |
| D608  | * B-2 | Q412  | * B-9 |       |       |
| D609  | * B-2 | Q413  | * G-8 |       |       |
| D610  | * B-2 | Q414  | * B-9 |       |       |
| D611  | * B-2 | Q415  | * B-6 |       |       |
| D612  | * B-2 | Q500  | * D-8 |       |       |
| D613  | * B-3 | Q501  | * D-8 |       |       |
| D614  | * B-3 | Q502  | * D-8 |       |       |
| D615  | * B-3 | Q503  | * C-8 |       |       |
| D700  | G-1   | Q504  | * C-8 |       |       |
| D800  | J-8   | Q505  | * O-8 |       |       |
| D801  | * H-8 | Q506  | * O-8 |       |       |
|       |       | Q507  | * B-7 |       |       |
|       |       | Q508  | * B-7 |       |       |
|       |       | Q509  | * C-7 |       |       |
|       |       | Q510  | * C-8 |       |       |
|       |       | Q511  | * C-7 |       |       |
|       |       | Q600  | * O-5 |       |       |
|       |       | Q601  | * C 5 |       |       |
|       |       | Q602  | * E-1 |       |       |
|       |       | Q603  | * C-5 |       |       |
|       |       | Q604  | * B-1 |       |       |
|       |       | Q605  | * B-4 |       |       |
|       |       | Q606  | * C 5 |       |       |
|       |       | Q607  | * B 1 |       |       |
|       |       | Q608  | * B 1 |       |       |
|       |       | Q609  | * B 4 |       |       |
|       |       | Q610  | * C 5 |       |       |
| IC1   | D-6   |       |       |       |       |
| IC2   | D-5   |       |       |       |       |
| IC100 | C-6   |       |       |       |       |
| IC101 | C-7   |       |       |       |       |
| IC102 | D-7   |       |       |       |       |
| IC103 | C-6   |       |       |       |       |
| IC104 | B 3   |       |       |       |       |
| IC105 | B 7   |       |       |       |       |
| IC106 | * B-6 |       |       |       |       |
| IC300 | B 9   |       |       |       |       |
| IC301 | B 8   |       |       |       |       |
| IC400 | D 6   |       |       |       |       |
| IC401 | E 9   |       |       |       |       |
| IC500 | D 8   |       |       |       |       |
| IC501 | D 8   |       |       |       |       |



E -A SIDE-  
SUFFIX: -11



E -B SIDE-  
SUFFIX: -11

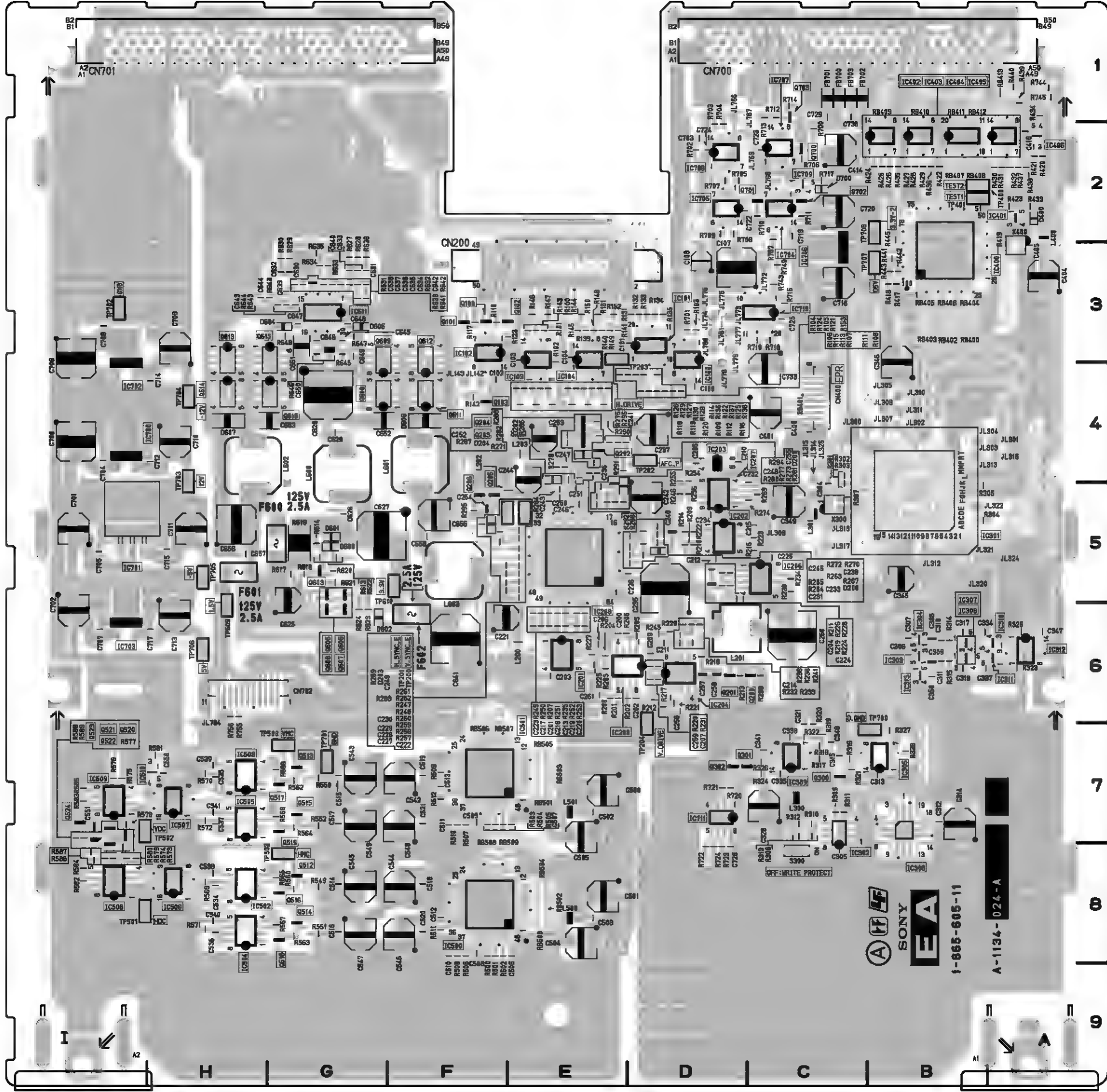
EA BOARD

\*: B SIDE

|      |      |      |      |
|------|------|------|------|
| D100 | *D 3 | Q100 | F 3  |
| D101 | *D 3 | Q101 | F 3  |
| D200 | D 5  | Q102 | F 3  |
| D201 | E 4  | Q103 | F 4  |
| D202 | E 4  | Q104 | *D 3 |
| D203 | F 5  | Q105 | *D 3 |
| D204 | E 4  | Q106 | *D 3 |
| D400 | A 2  | Q107 | *D 3 |
| D600 | G 5  | Q108 | *D 3 |
| D601 | G 5  | Q109 | *D 3 |
| D602 | G 6  | Q200 | C 6  |
| D604 | G 3  | Q201 | D 6  |
| D605 | G 3  | Q202 | E 4  |
| D606 | F 4  | Q203 | E 4  |
| D607 | H 4  | Q204 | E 4  |
| D700 | C 2  | Q205 | F 5  |

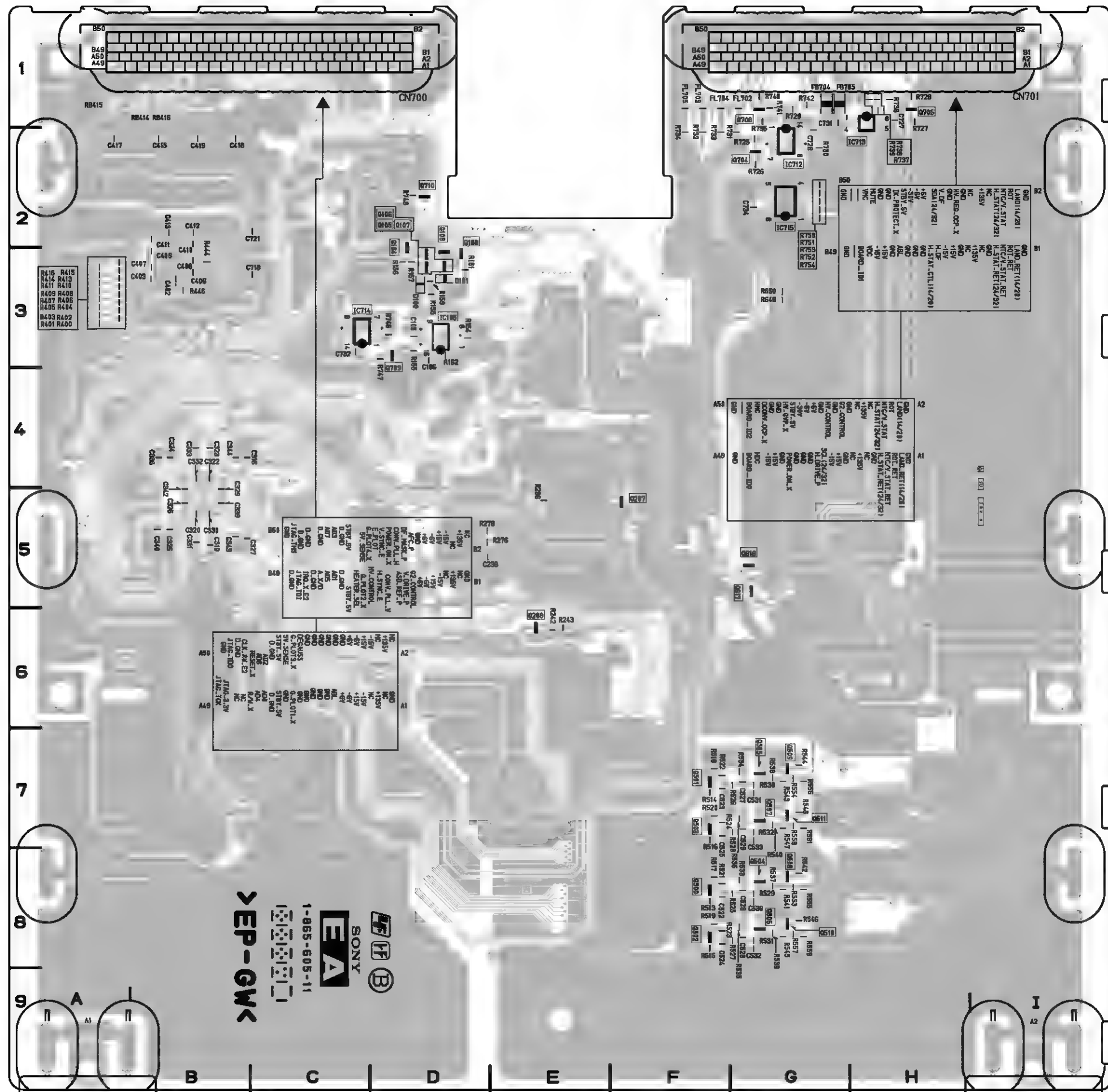
|       |      |      |      |
|-------|------|------|------|
| IC100 | D 3  | Q206 | F 5  |
| IC101 | D 3  | Q207 | *F 5 |
| IC102 | F 3  | Q208 | *E 6 |
| IC103 | E 3  | Q300 | C 7  |
| IC104 | E 3  | Q301 | C 7  |
| IC105 | *D 3 | Q302 | D 7  |
| IC200 | D 6  | Q500 | *F 8 |
| IC201 | F 5  | Q501 | *F 7 |
| IC202 | D 5  | Q502 | *F 8 |
| IC203 | D 4  | Q503 | *F 7 |
| IC204 | D 6  | Q504 | *G 8 |
| IC206 | C 5  | Q505 | *G 7 |
| IC207 | D 5  | Q506 | *G 8 |
| IC208 | E 5  | Q507 | *G 7 |
| IC301 | E 5  | Q508 | *G 8 |
| IC302 | C 7  | Q509 | *G 7 |
| IC303 | B 6  | Q510 | *G 8 |
| IC304 | B 6  | Q511 | *G 7 |
| IC305 | B 7  | Q512 | G 8  |
| IC306 | B 6  | Q513 | G 7  |
| IC307 | B 6  | Q514 | G 8  |
| IC308 | B 7  | Q515 | G 7  |
| IC309 | C 7  | Q516 | G 8  |
| IC310 | A 6  | Q517 | G 7  |
| IC311 | A 6  | Q518 | G 8  |
| IC312 | A 6  | Q519 | G 7  |
| IC313 | B 6  | Q603 | G 5  |
| IC400 | B 3  | Q605 | G 5  |
| IC401 | A 2  | Q606 | G 5  |
| IC402 | B 2  | Q607 | G 6  |
| IC403 | B 2  | Q608 | G 6  |
| IC404 | B 2  | Q609 | G 3  |
| IC405 | A 2  | Q610 | G 4  |
| IC406 | A 2  | Q611 | F 4  |
| IC500 | F 8  | Q612 | F 3  |
| IC501 | F 7  | Q613 | H 3  |
| IC502 | H 8  | Q614 | H 4  |
| IC503 | H 7  | Q615 | G 3  |
| IC504 | H 8  | Q616 | G 4  |
| IC505 | H 7  | Q617 | G 5  |
| IC506 | H 8  | Q618 | *G 5 |
| IC507 | H 7  | Q700 | C 2  |
| IC510 | H 7  | Q701 | C 2  |
| IC611 | G 3  | Q702 | C 2  |
| IC702 | J 3  | Q703 | C 1  |
| IC704 | C 2  | Q704 | *G 2 |
| IC705 | D 2  | Q705 | *H 1 |
| IC706 | C 2  | Q708 | *G 1 |
| IC707 | C 2  | Q709 | *D 3 |
| IC708 | D 2  | Q710 | *D 2 |

|       |      |       |     |
|-------|------|-------|-----|
| IC709 | C 2  | TP200 | E 5 |
| IC710 | C 3  | TP201 | E 5 |
| IC711 | D 7  | TP202 | D 4 |
| IC712 | *G 2 | TP203 | E 3 |
| IC713 | *H 1 | TP204 | D 7 |
| IC714 | *C 3 | TP400 | B 2 |
| IC715 | *G 2 | TP401 | B 2 |
|       |      | TP500 | G 7 |
|       |      | TP503 | G 8 |
|       |      | TP609 | H 6 |
|       |      | TP610 | F 5 |
|       |      | TP700 | D 7 |
|       |      | TP701 | G 7 |
|       |      | TP702 | J 3 |
|       |      | TP703 | H 4 |
|       |      | TP704 | H 4 |
|       |      | TP705 | H 5 |
|       |      | TP706 | H 6 |
|       |      | TP707 | B 3 |
|       |      | TP708 | B 2 |

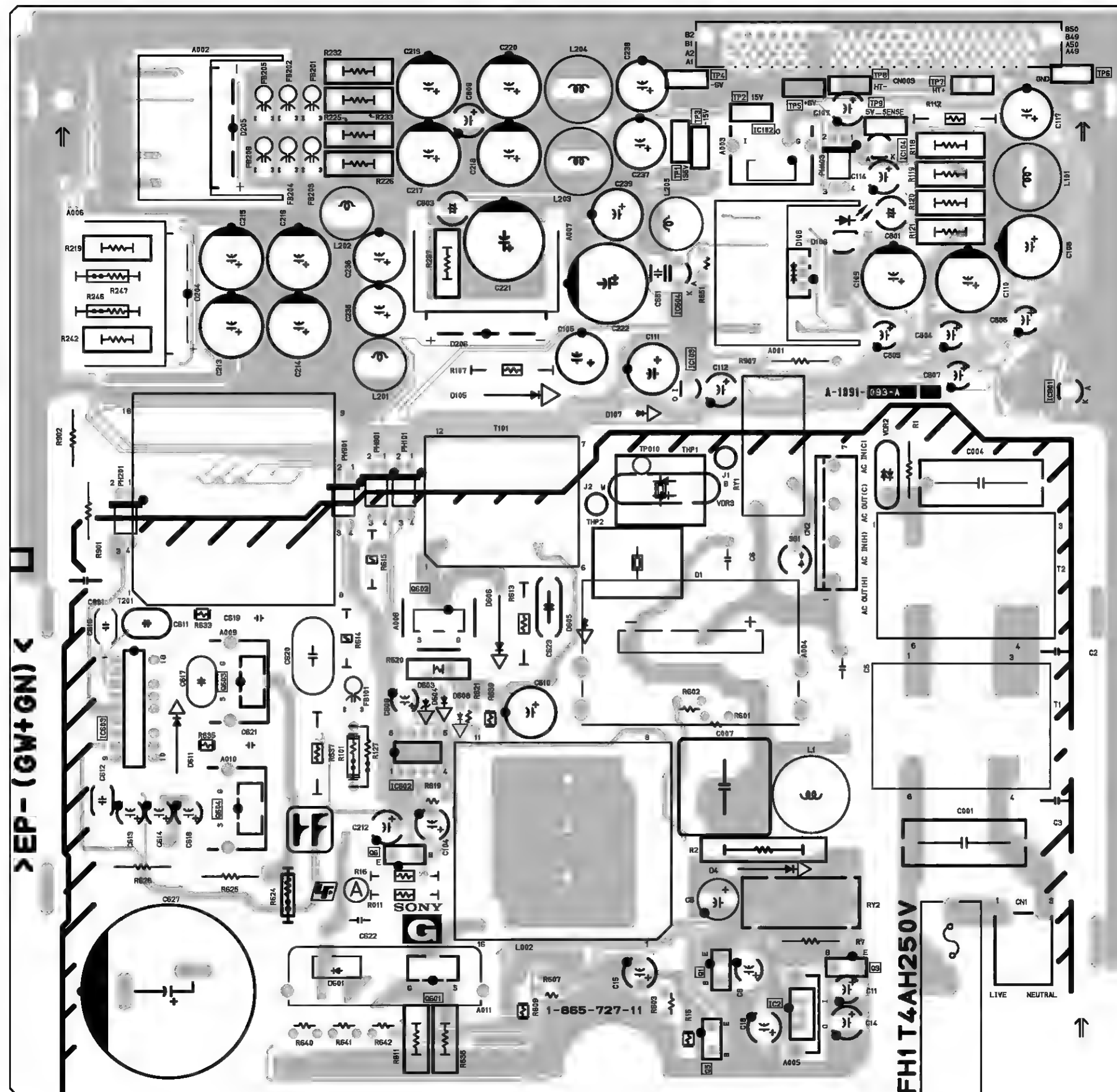


EA -A SIDE-  
SUFFIX: -11



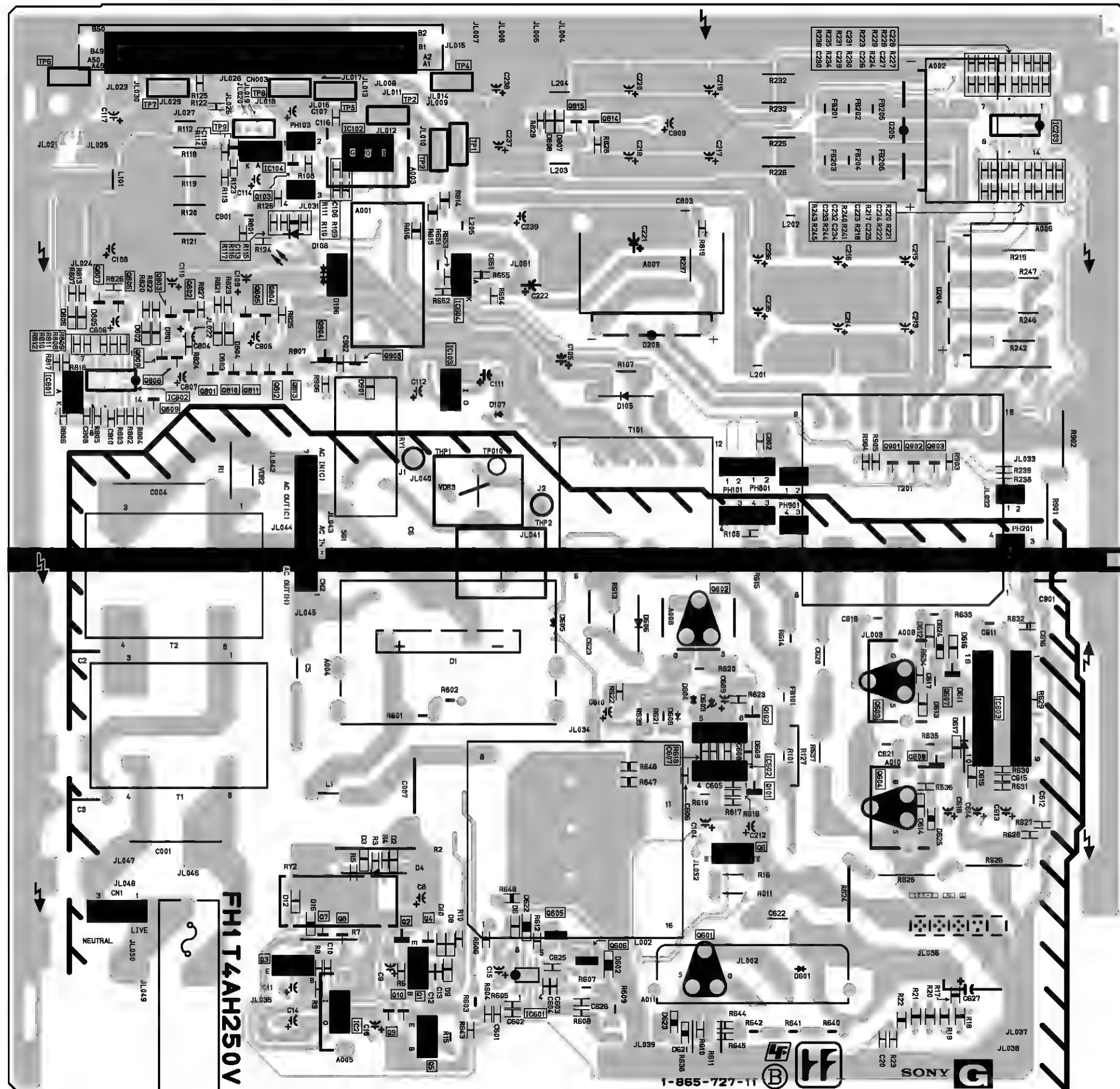


EA -B SIDE-SUFFIX: -11



G -A SIDE-  
SUFFIX: -11





G -B SIDE-SUFFIX: -11

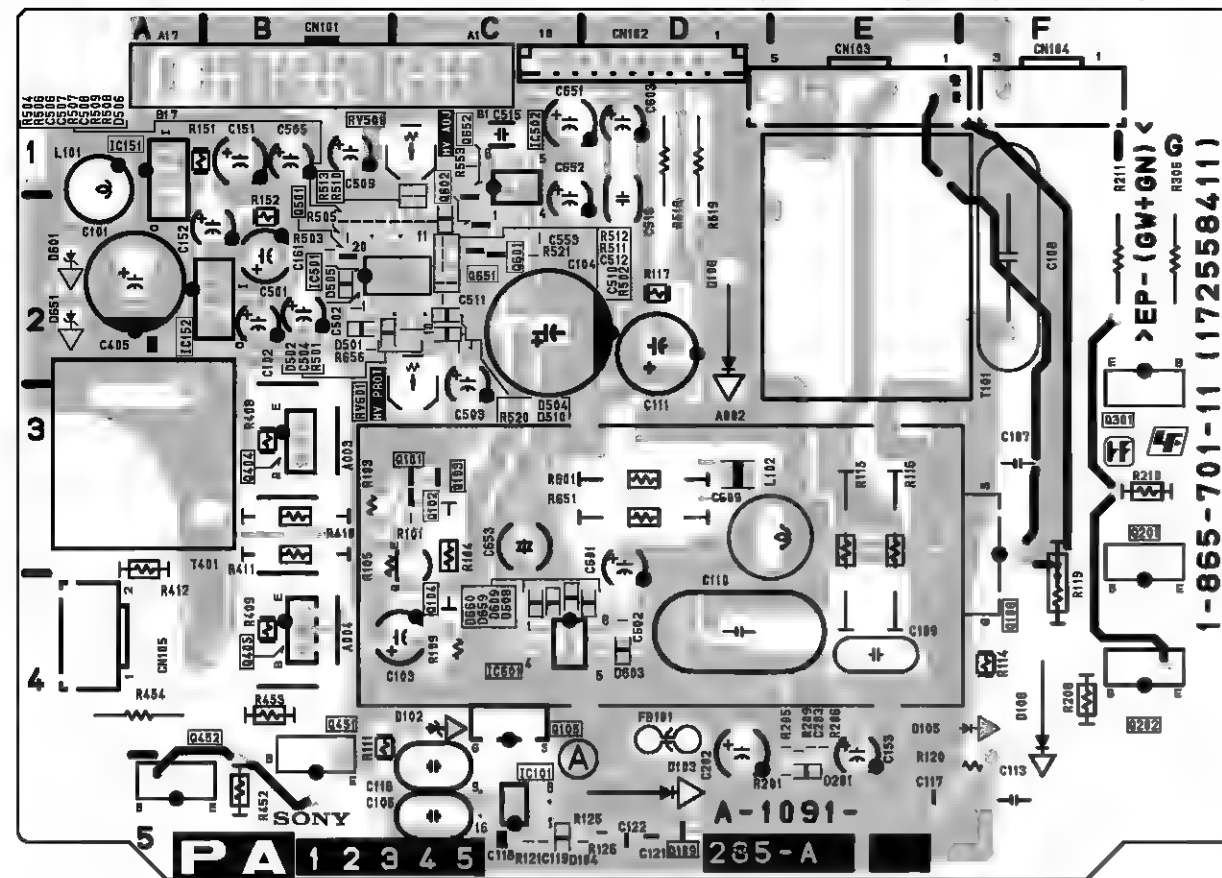
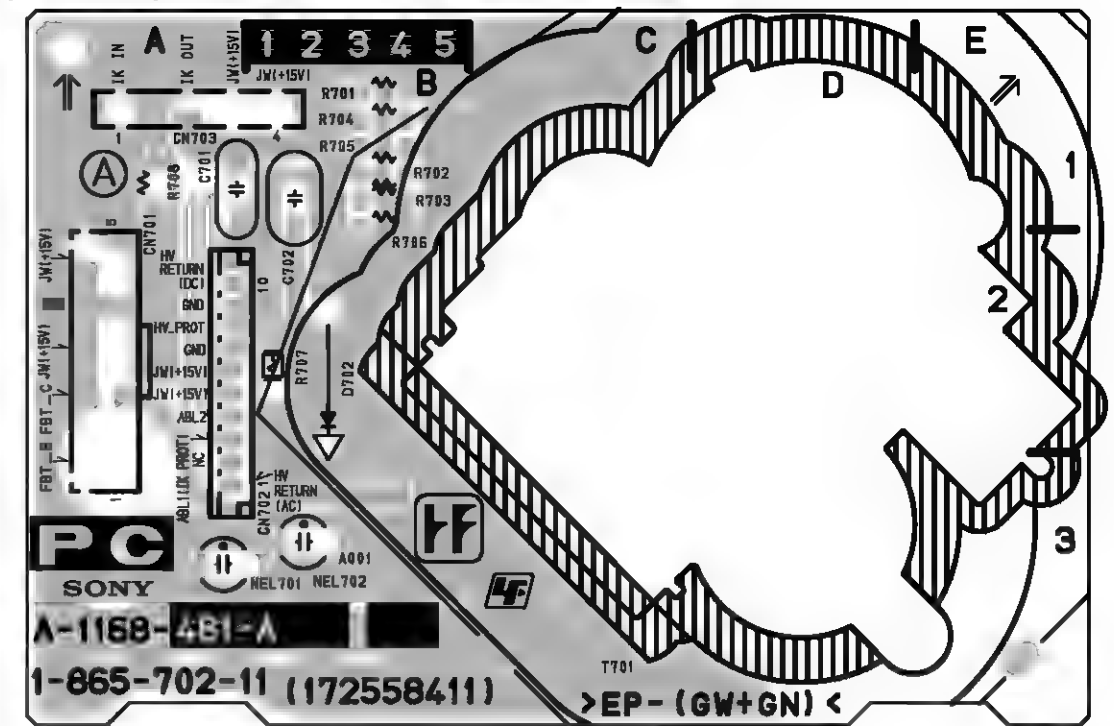
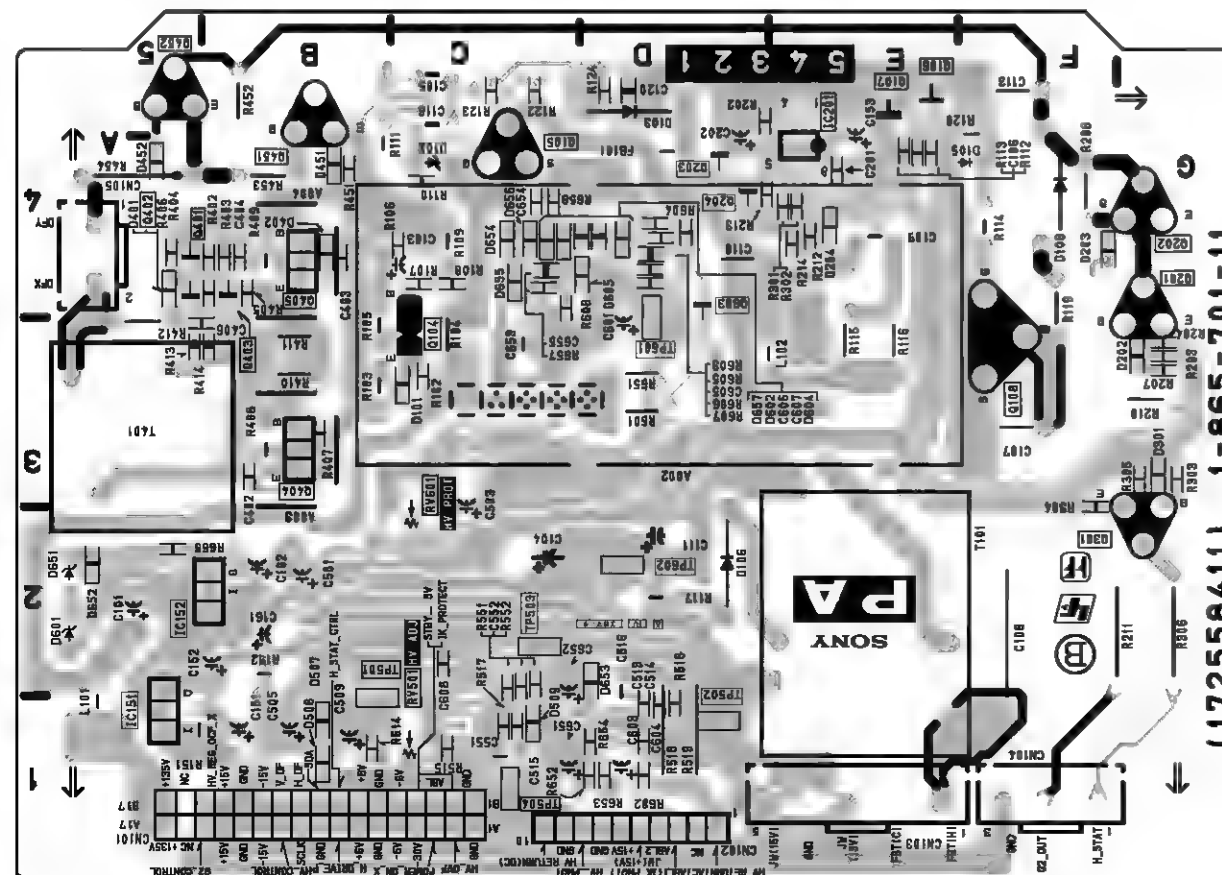
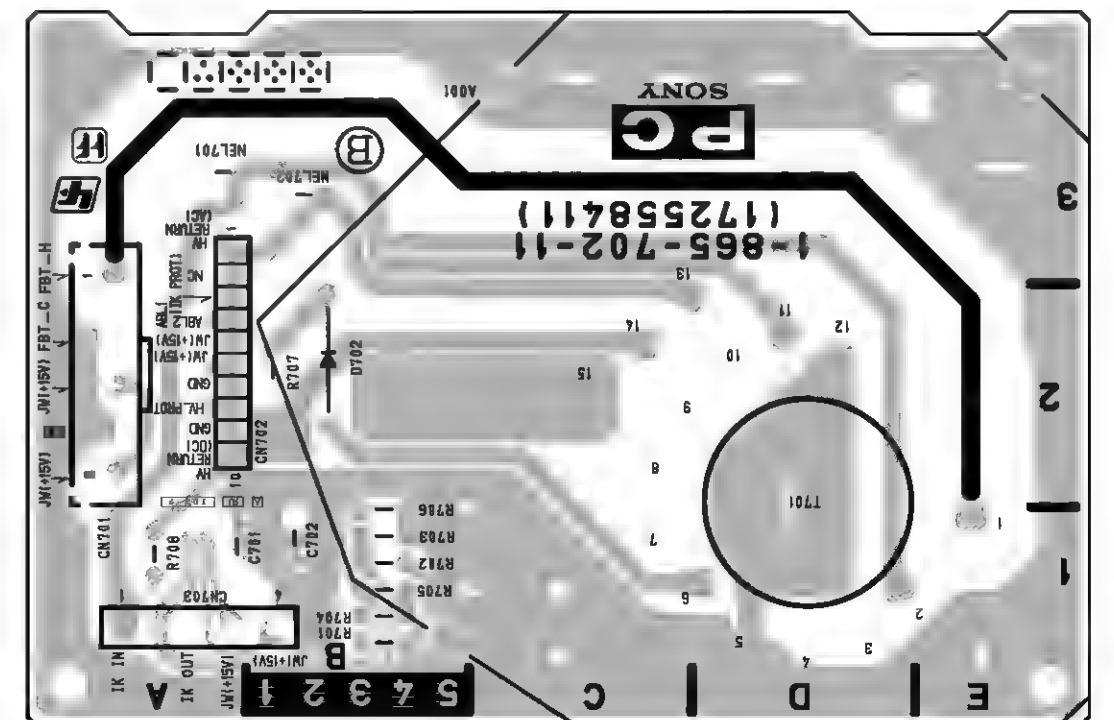
## PA BOARD

A: B SIDE

D102 C-4  
 D103 C-5  
 D104 C-5  
 D105 E-4  
 D106 D-2  
 D108 F-4  
 D201 E-5  
 D501 B-2  
 D502 B-2  
 D504 C-2  
 D505 B-2  
 D506 C-2  
 D510 C-2  
 D601 A-2  
 D603 D-4  
 D608 D-4  
 D609 C-4  
 D651 A-2  
 D659 C-4  
 D660 C-4

IC101 C-5  
 IC151 A-1  
 IC152 B-2  
 IC501 B-2  
 IC502 C-1  
 IC601 C-4

Q101 C-3  
 Q102 C-3  
 Q103 C-3  
 Q104 C-3  
 Q105 C-4  
 Q108 F-4  
 Q109 D-5  
 Q201 G-3  
 Q202 G-4  
 Q301 G-3  
 Q404 B-3  
 Q405 B-4  
 Q451 B-5  
 Q452 A-5  
 Q501 B-2  
 Q601 C-2  
 Q602 C-2  
 Q651 C-2  
 Q652 C-2

PA -A SIDE-  
SUFFIX: -11PC -A SIDE-  
SUFFIX: -11PA -B SIDE-  
SUFFIX: -11PC -B SIDE-  
SUFFIX: -11

# PA BOARD

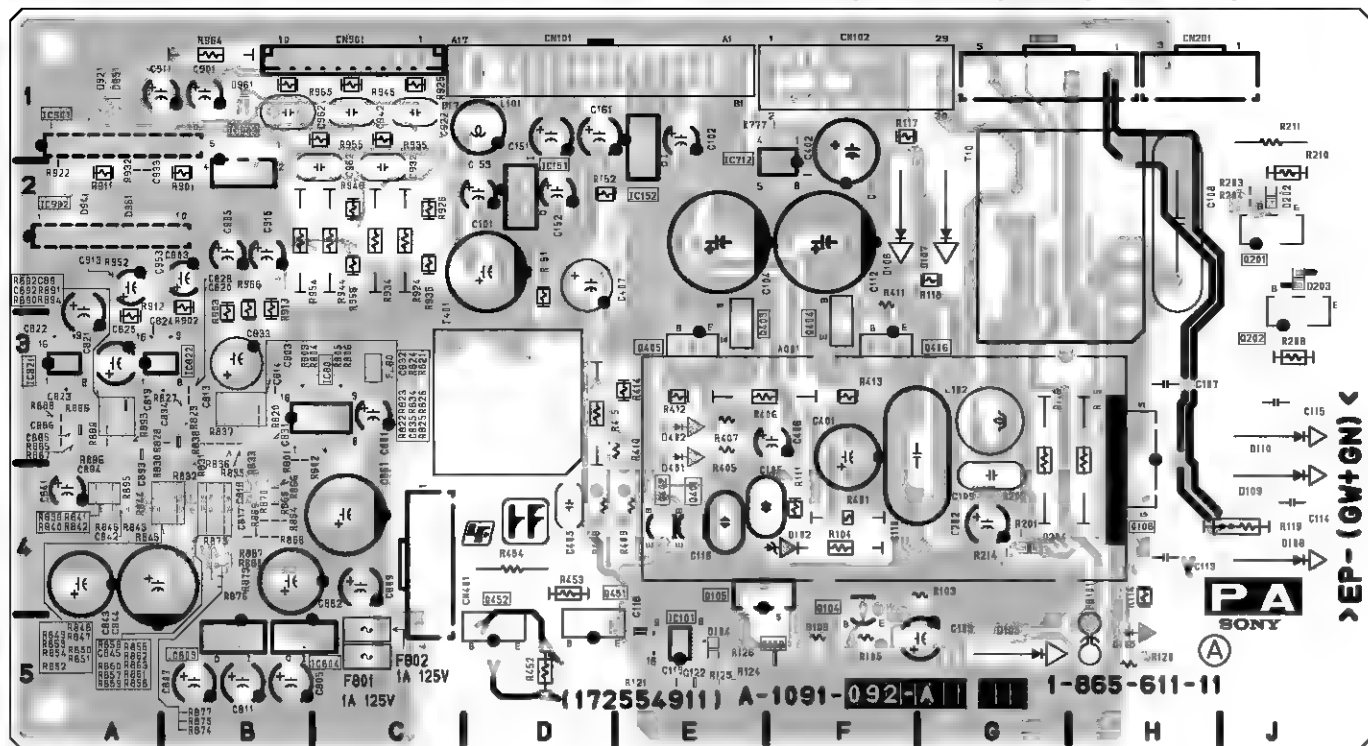
\* B SIDE

D101 \* F 4  
D102 \* E 4  
D103 \* G 5  
D104 \* H 5  
D105 \* F 1  
D106 \* J 1  
D107 \* G 4  
D108 \* J 4  
D109 \* J 4  
D110 \* J 3  
D201 \* G 4  
D202 \* J 2  
D203 \* J 2  
D204 \* G 4  
D401 \* E 3  
D402 \* E 3  
D451 \* E 4  
D452 \* D 5  
D801 \* C 4  
D921 \* A 1  
D931 \* A 1  
D941 \* A 2  
D951 \* A 2  
D961 \* B 1

IC101 E-5  
IC151 D-2  
IC152 E-1  
IC201 \* G-4  
IC712 F-1  
IC801 \* C-3  
IC802 \* C-3  
IC803 B-5  
IC804 C-5  
IC811 B-3  
IC812 A-4  
IC813 B-4  
IC814 B-4  
IC815 B-4  
IC816 B-3  
IC817 A-3  
IC818 A-3  
IC821 A-3  
IC822 A-3  
IC901 A-1  
IC902 A-2  
IC903 B-1

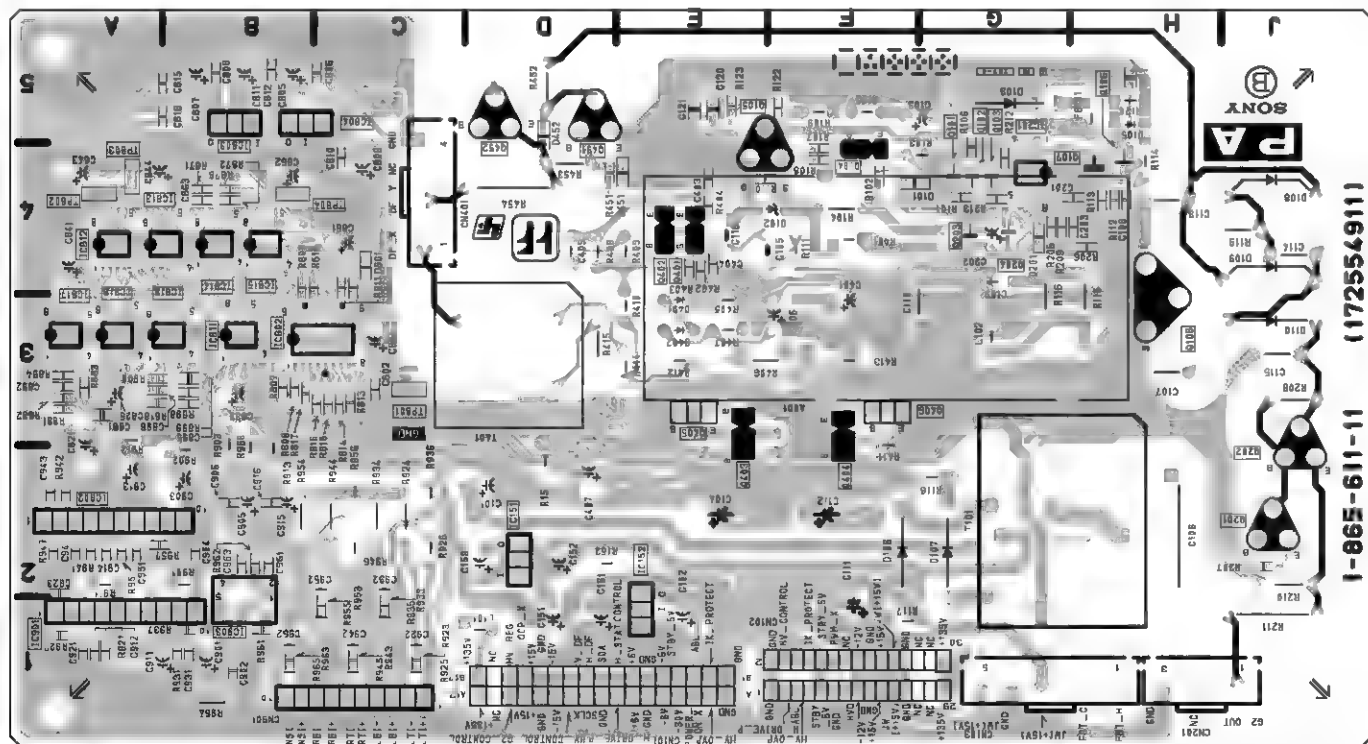
Q101 \* G-4  
Q102 \* G-4  
Q103 \* G-4  
Q104 \* H-4  
Q105 \* H-4  
Q106 \* H-4  
Q107 \* H-4  
Q108 \* H-4  
Q109 \* H-5  
Q201 \* J-2  
Q202 \* J-2  
Q203 \* G-4  
Q204 \* G-4  
Q401 \* H-4  
Q402 \* H-4  
Q403 \* B-3  
Q404 \* B-3  
Q405 \* B-3  
Q406 \* B-3  
Q451 D-5  
Q452 D-5

TP801 \* C-3  
TP802 \* A-4  
TP803 \* A-4  
TP804 \* B-4



PA - A SIDE-

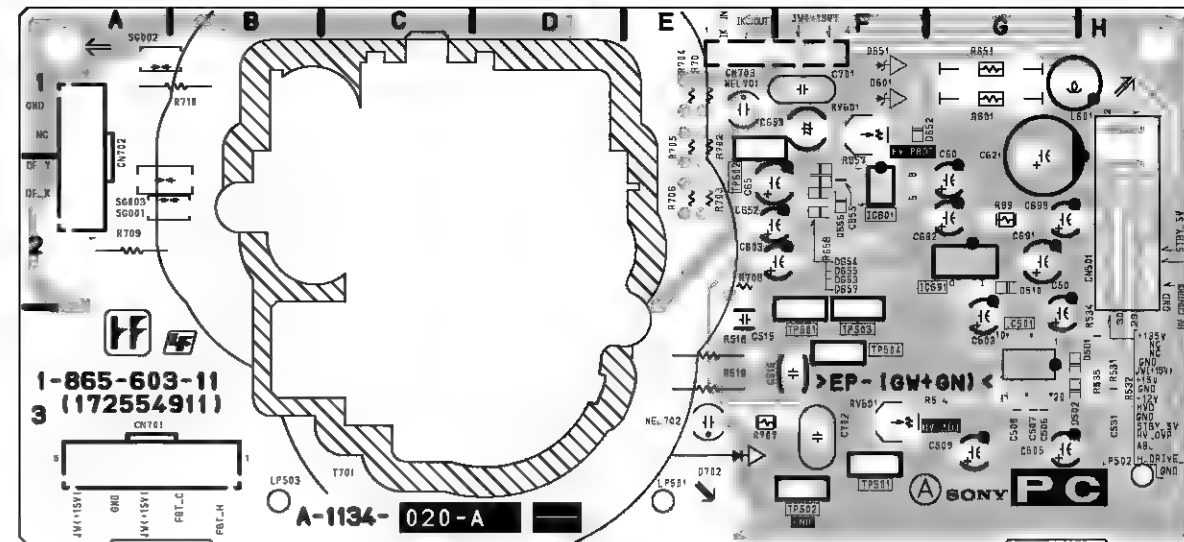
SUFFIX: -11



PA - B SIDE-

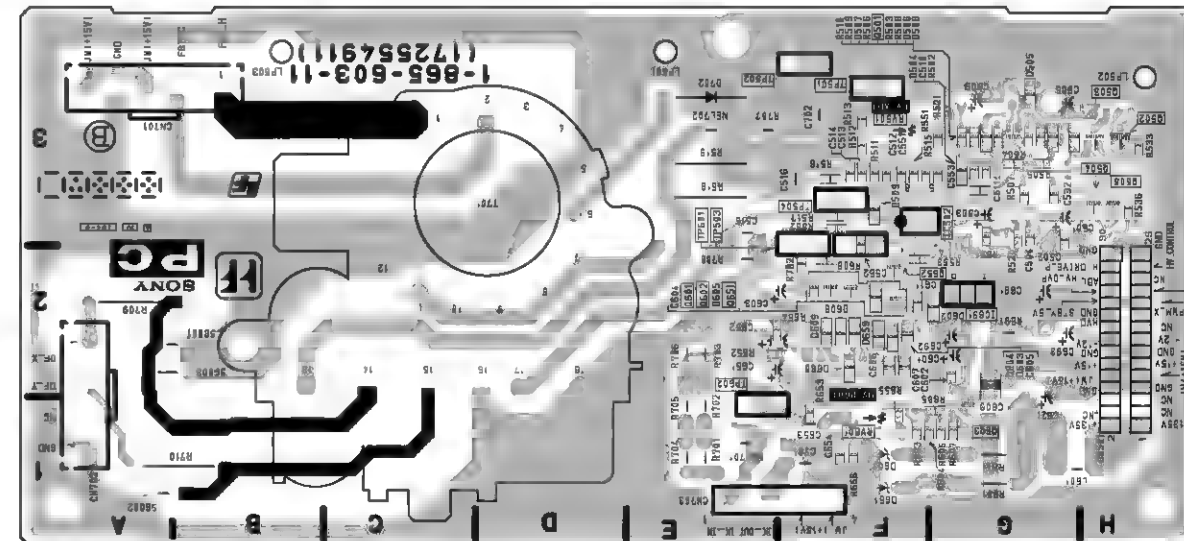
SUFFIX: -11

# PA (BVM-A24), PC (BVM-A24)



PC - A SIDE-

SUFFIX: -11



PC - B SIDE-

SUFFIX: -11

# PC BOARD

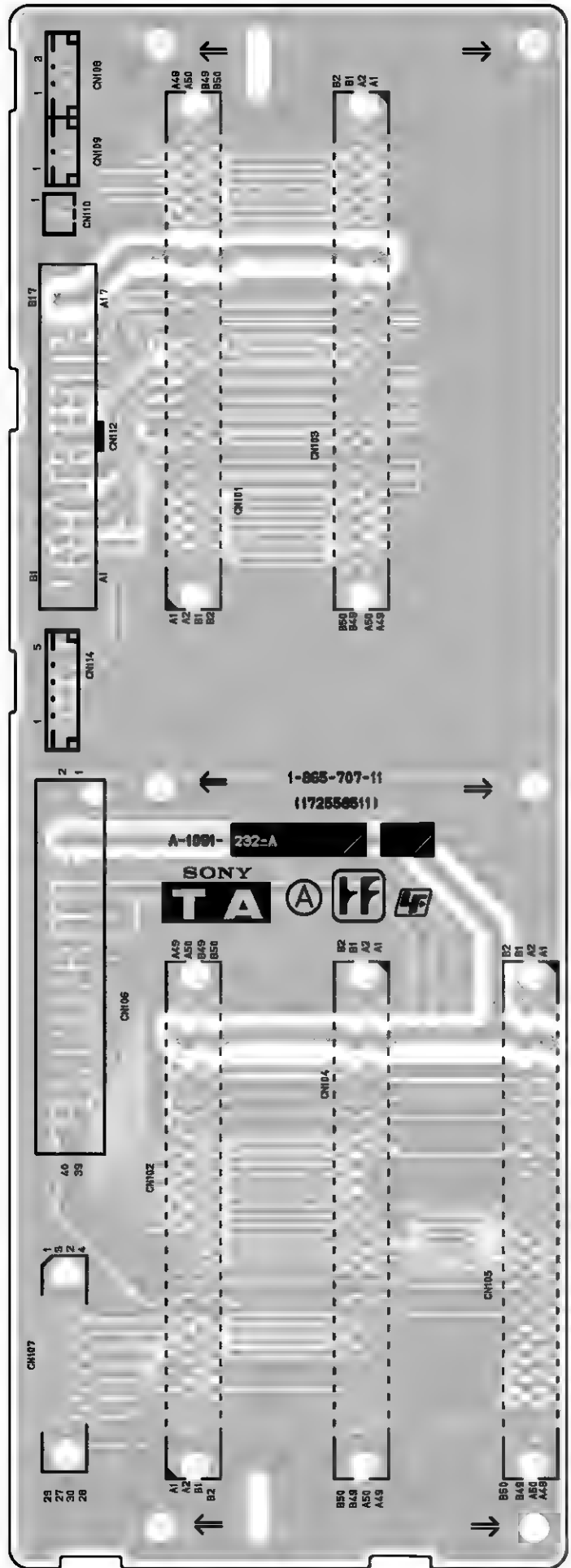
\*: B SIDE

D501 G-3  
D502 G-3  
D510 G-2  
D601 F-1  
D651 F-1  
D652 F-1  
D653 F-2  
D654 F-2  
D655 F-2  
D656 F-2  
D657 F-2  
D702 E-3

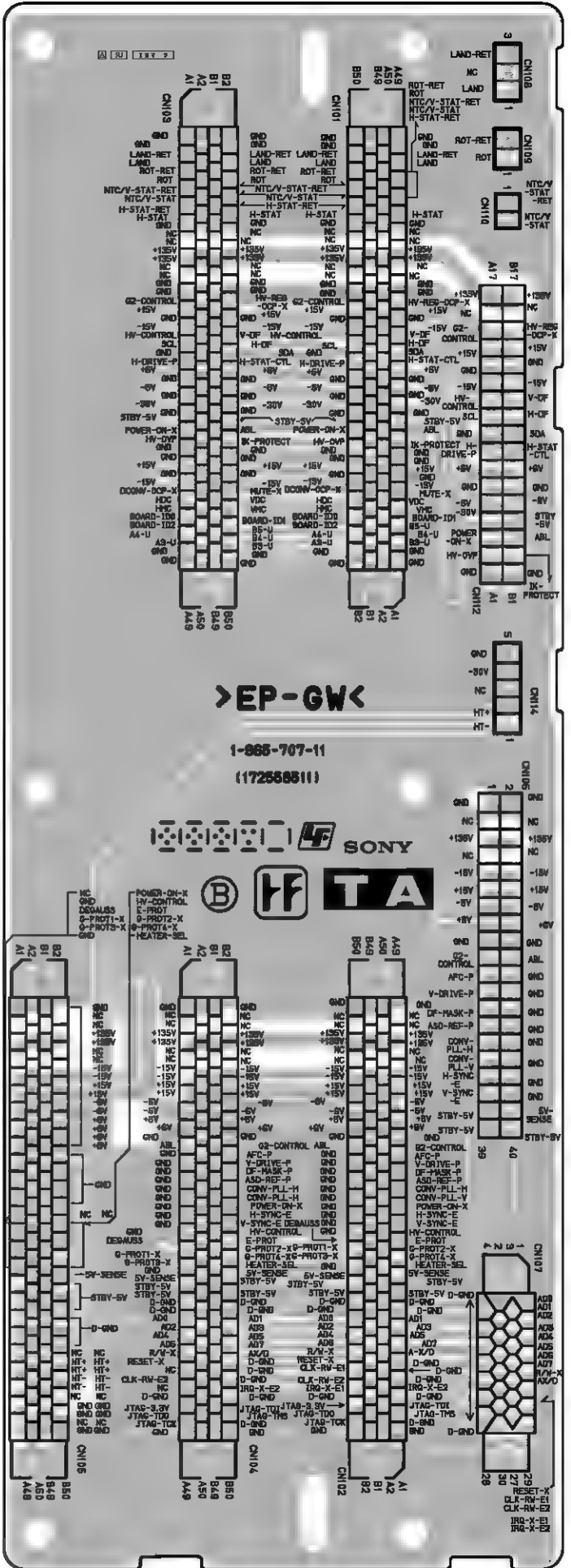
TP503 F-3  
TP504 F-3  
TP601 F-3  
TP602 E-1

IC501 G-3  
IC601 F-2  
IC691 G-2

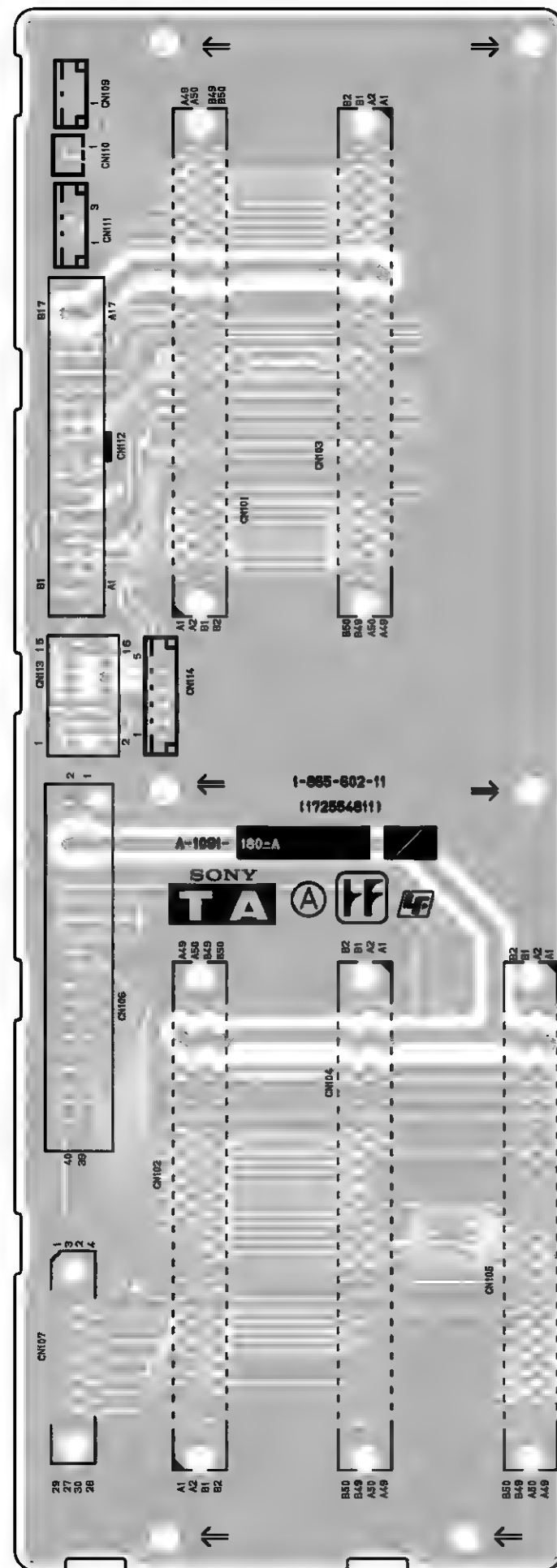
TP501 F-3  
TP502 F-3



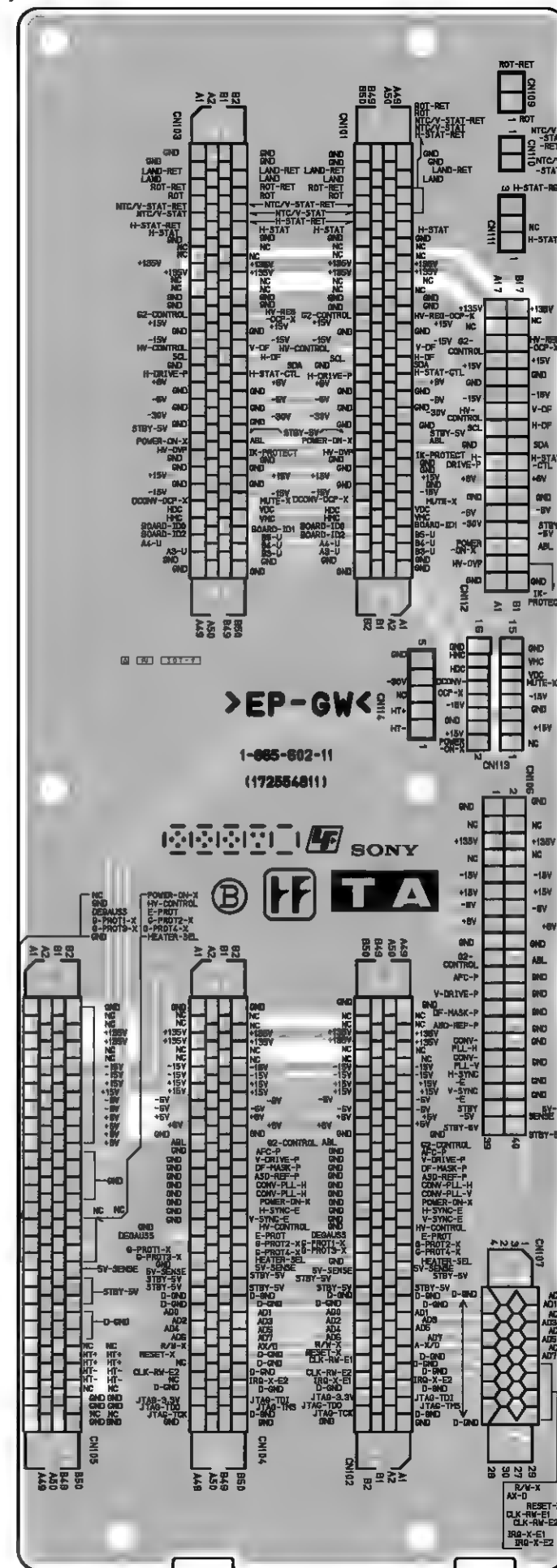
TA -A SIDE-  
SUFFIX: -11



TA -B SIDE-  
SUFFIX: -11

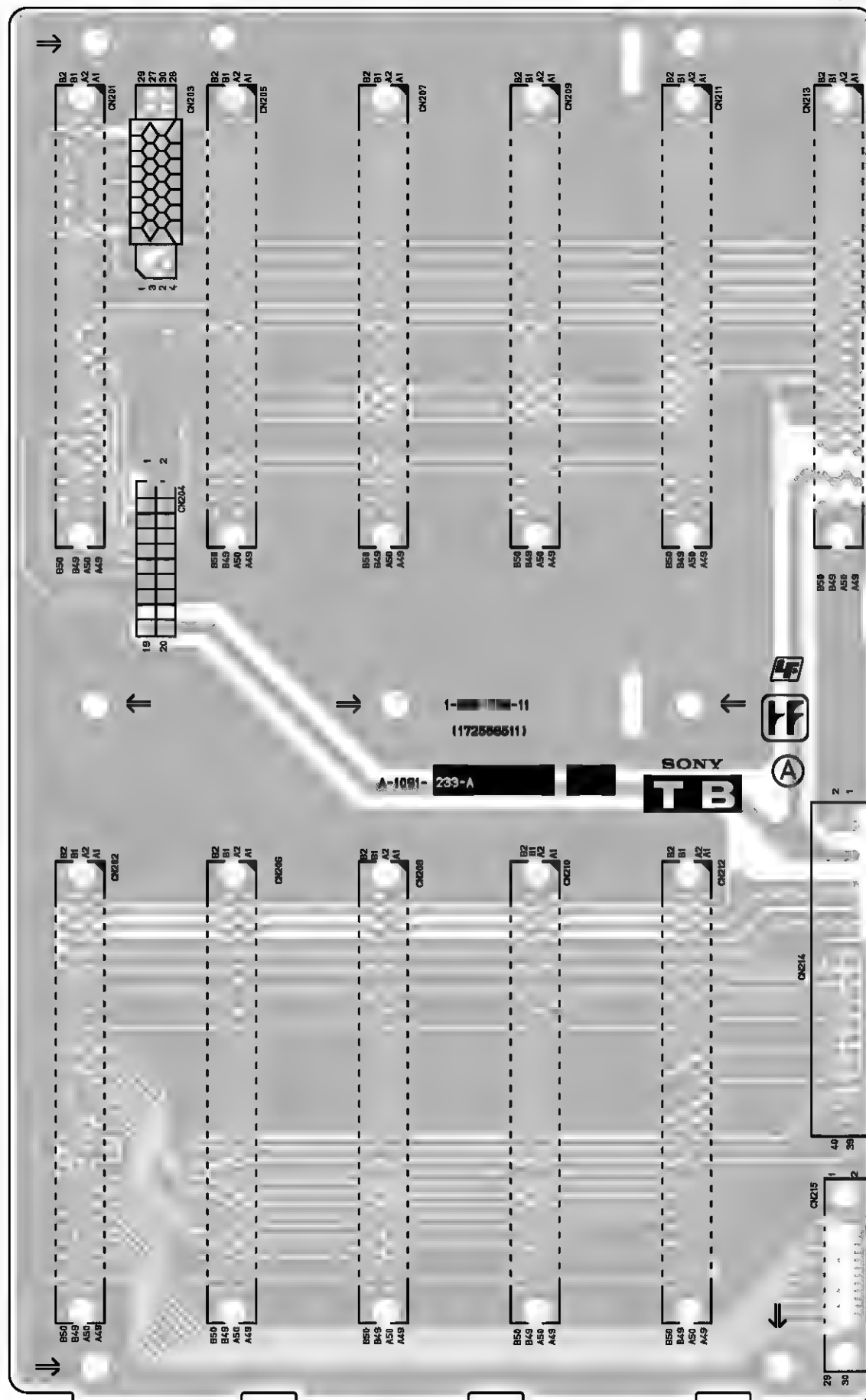


TA -A SIDE-  
SUFFIX: -11

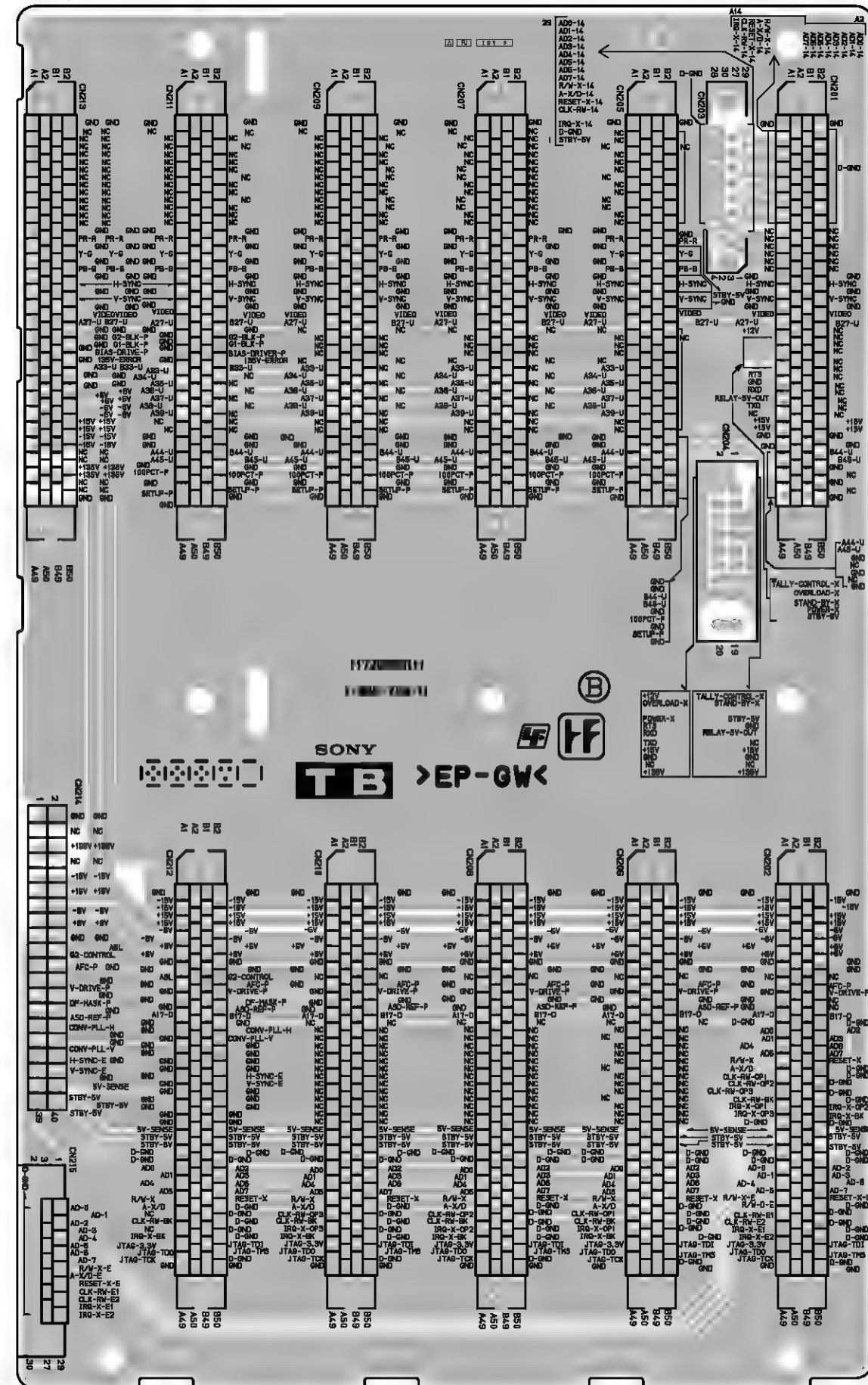


TA -B SIDE-  
SUFFIX: -11

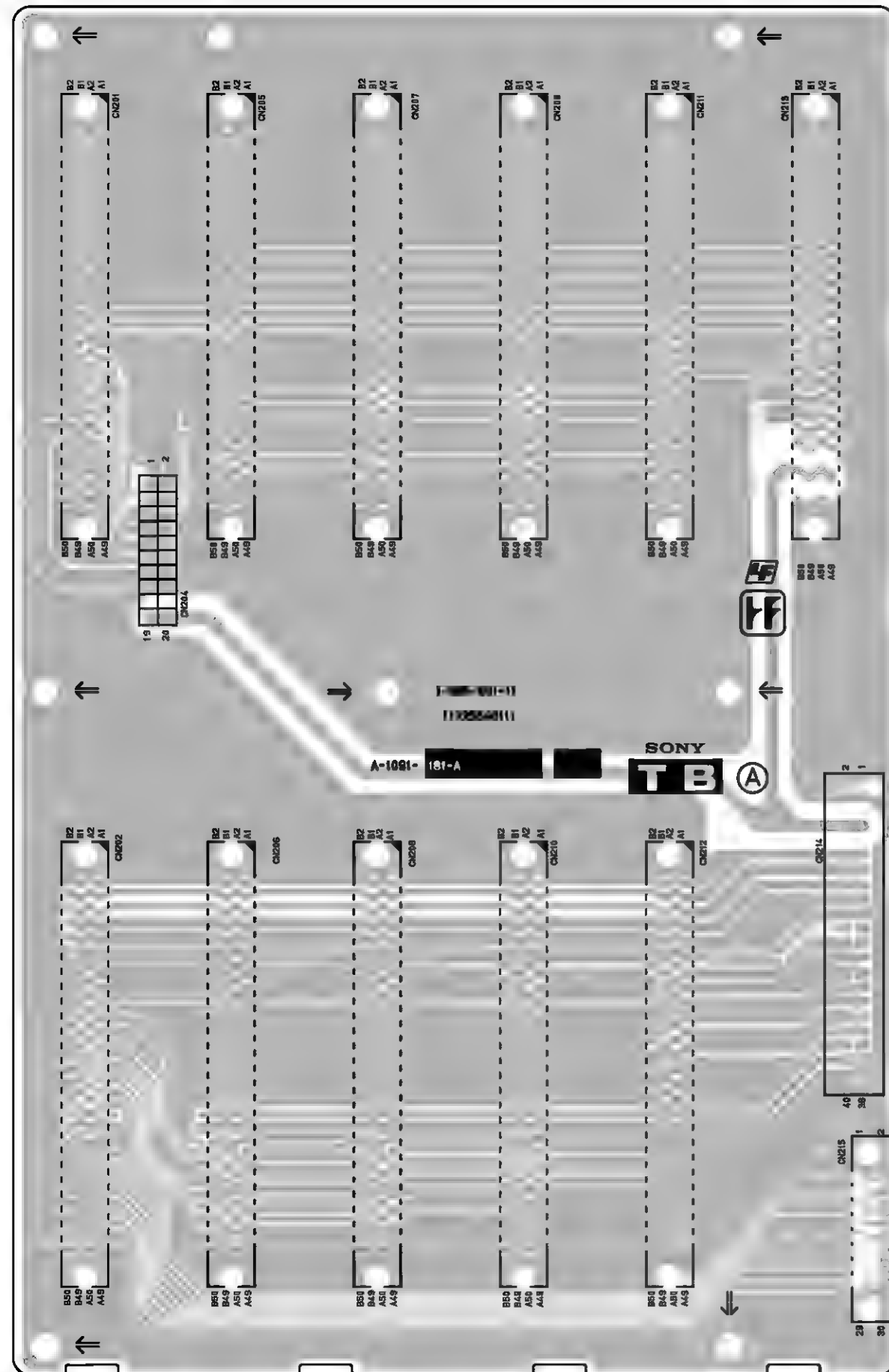
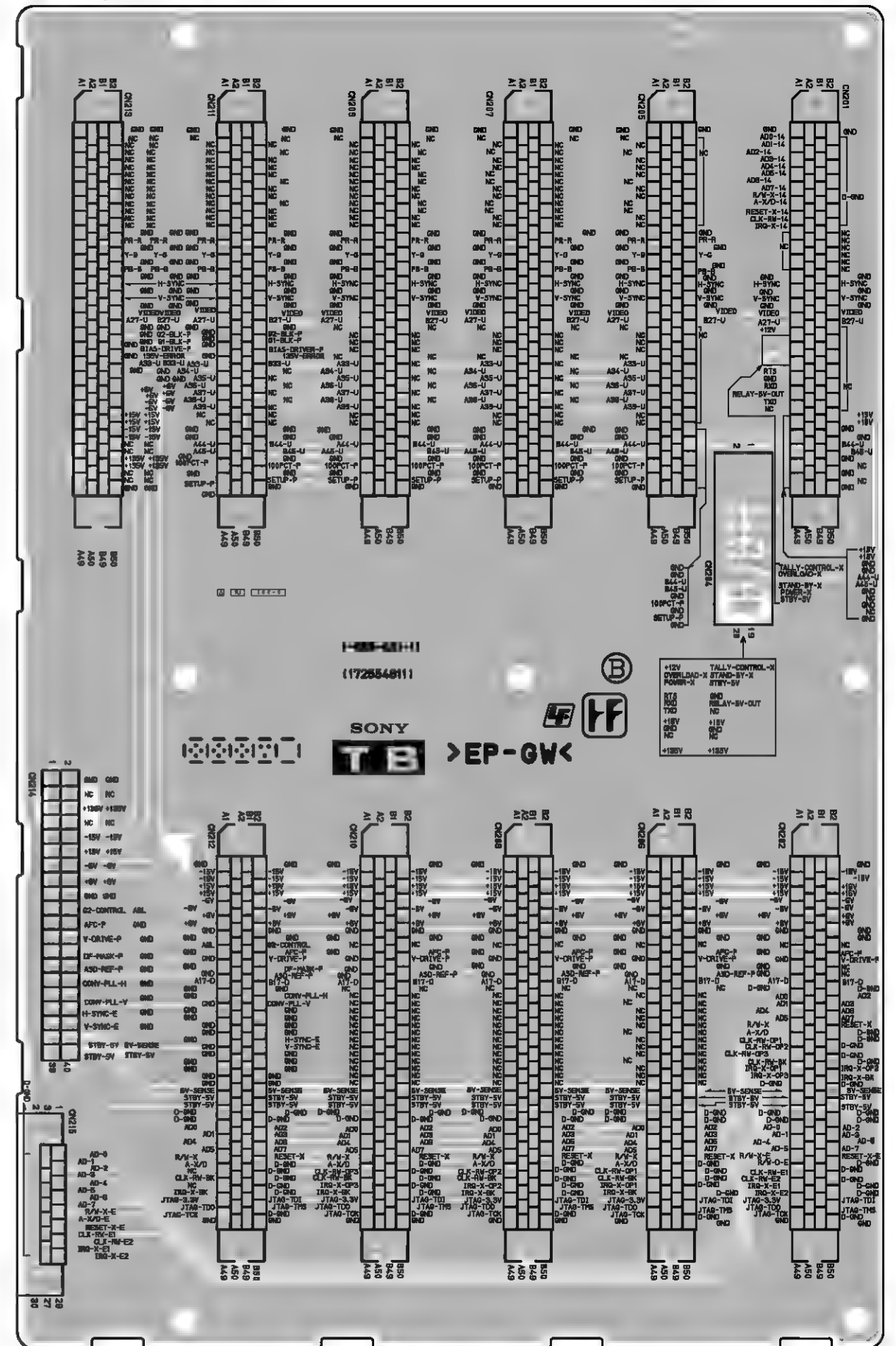


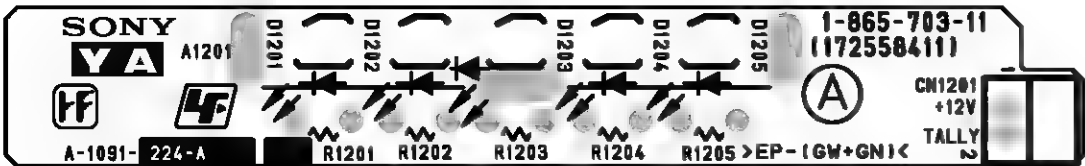


**TB** -A SIDE-SUFFIX: -11

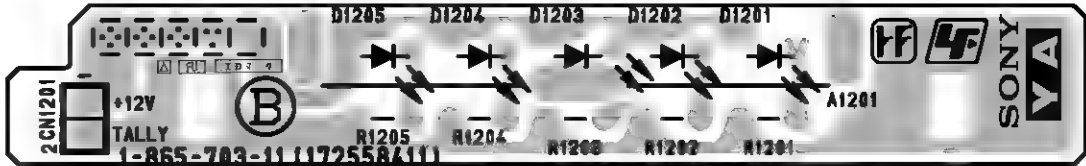


**TB** -B SIDE-  
SUFFIX: -11

TB -A SIDE-  
SUFFIX: -11TB -B SIDE-  
SUFFIX: -11



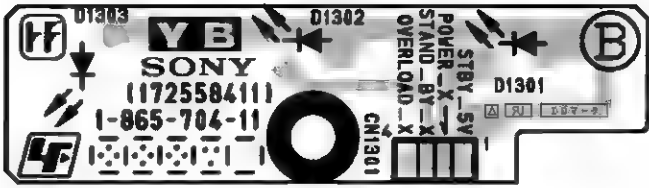
YA -A SIDE-  
SUFFIX: -11



YA -B SIDE-  
SUFFIX: -11



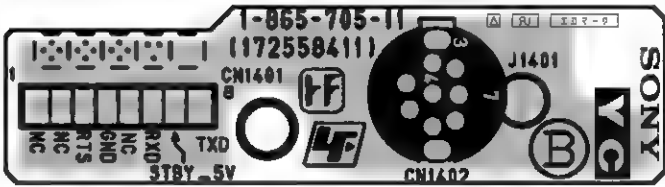
YB -A SIDE-  
SUFFIX: -11



YB -B SIDE-  
SUFFIX: -11

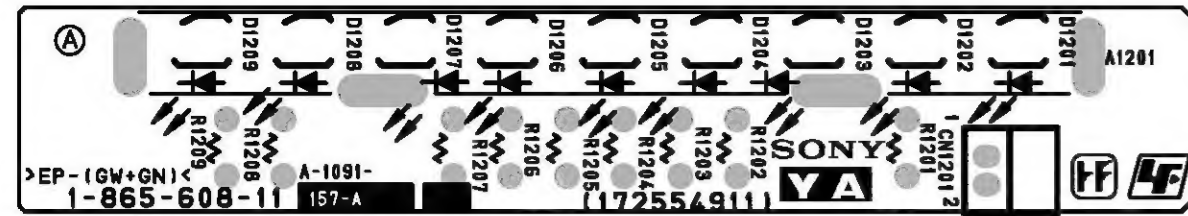


YC -A SIDE-  
SUFFIX: -11

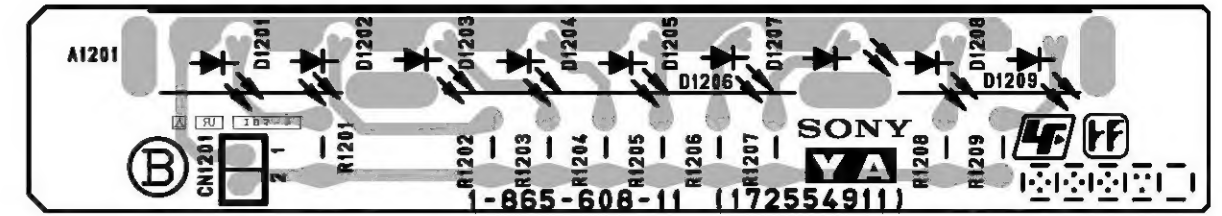


YC -B SIDE-  
SUFFIX: -11





YA -A SIDE-  
SUFFIX: -11



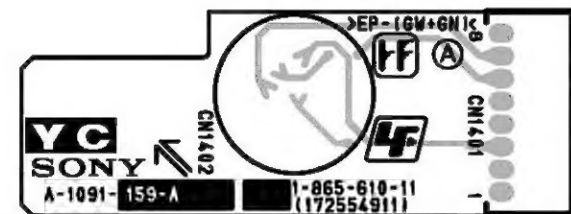
YA -B SIDE-  
SUFFIX: -11



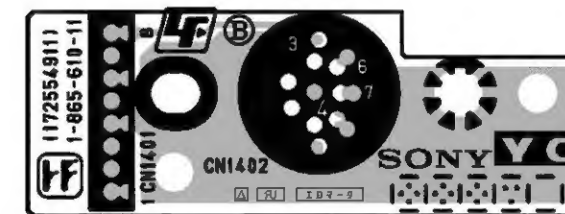
YB -A SIDE-  
SUFFIX: -11



YB -B SIDE-  
SUFFIX: -11



YC -A SIDE-  
SUFFIX: -11



YC -B SIDE-  
SUFFIX: -11



## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

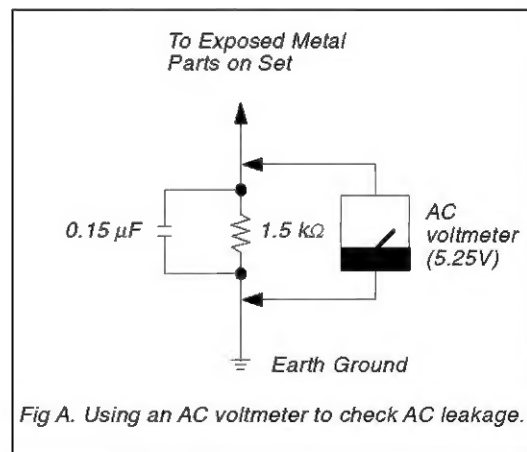


Fig A. Using an AC voltmeter to check AC leakage.

BVM-A20F1U (UC)  
BVM-A20F1M (AE)  
BVM-A20F1A (AUS)  
BVM-A24E1WU (UC)  
BVM-A24E1WM (AE)  
BVM-A24E1WA (AUS) E  
9-968-127-01

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